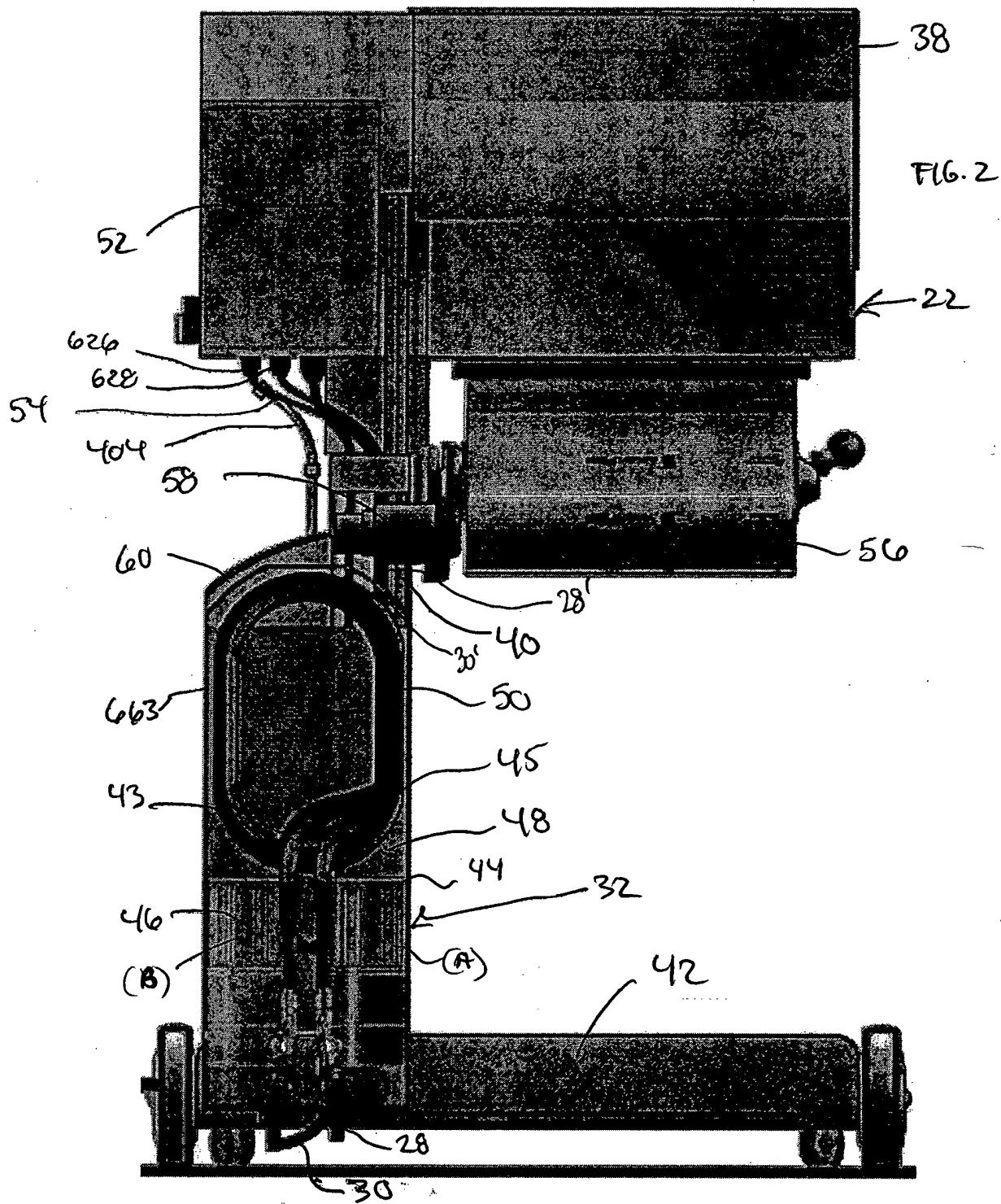


FIG. 1



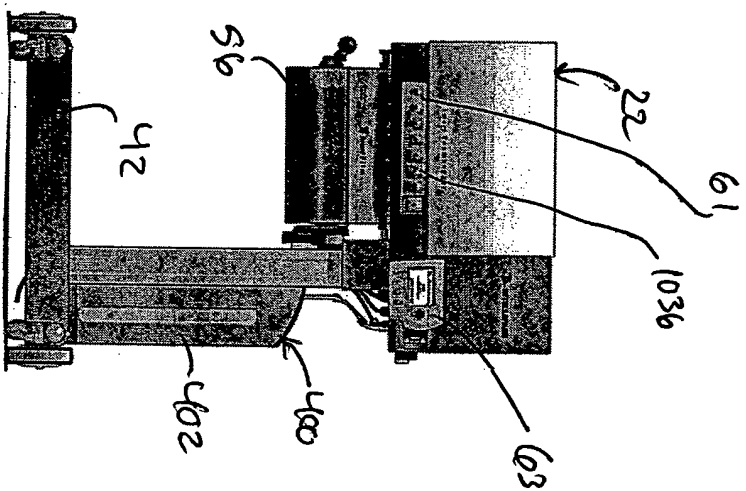
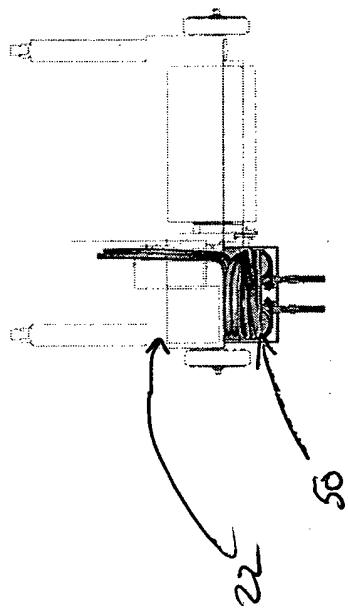


FIG. 3

FIG. 4



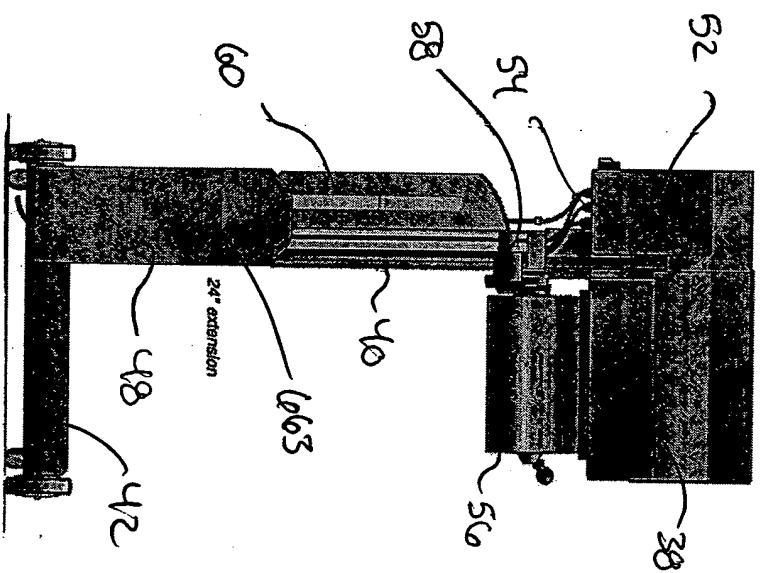


FIG. 5

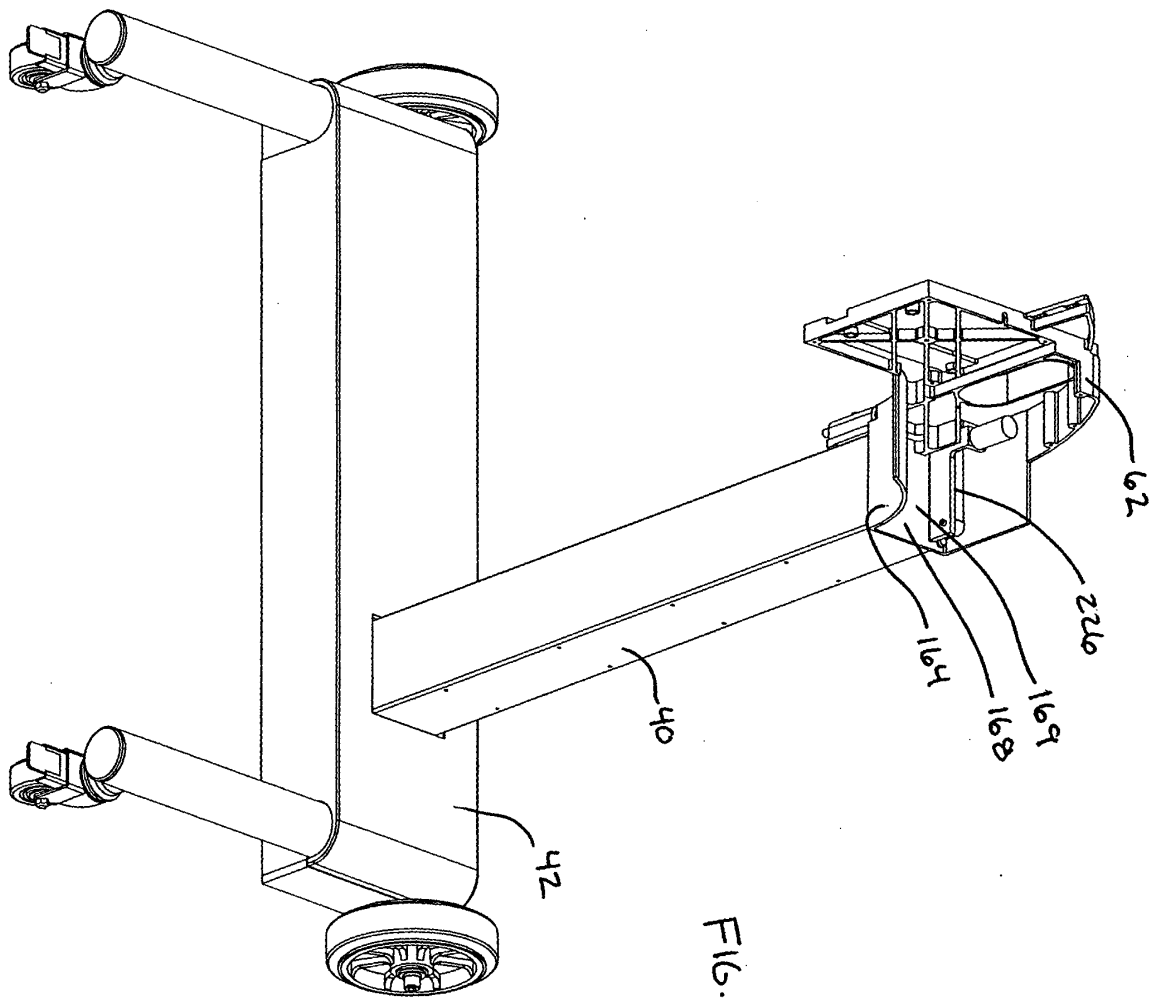


FIG. 6

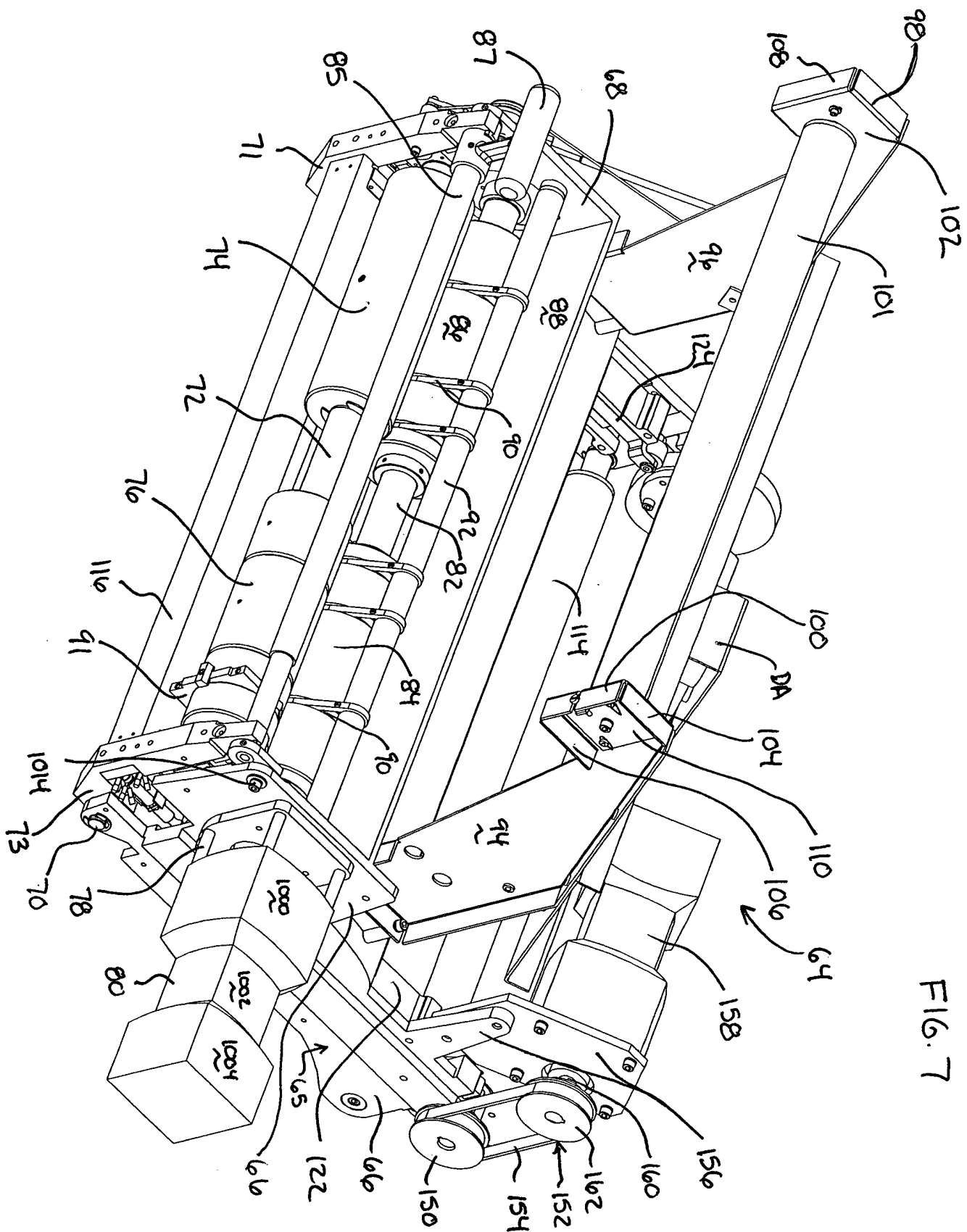


FIG. 7

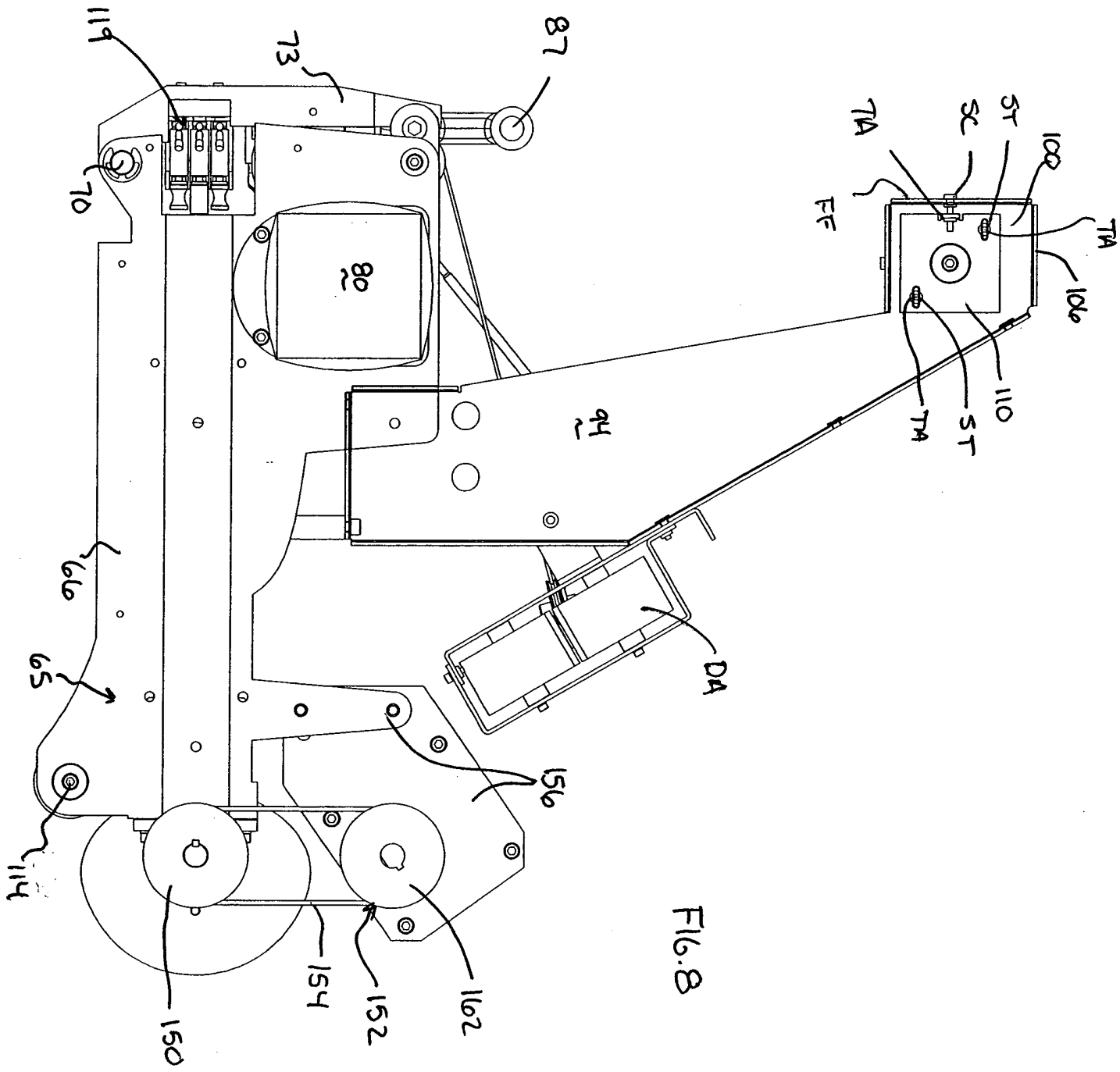
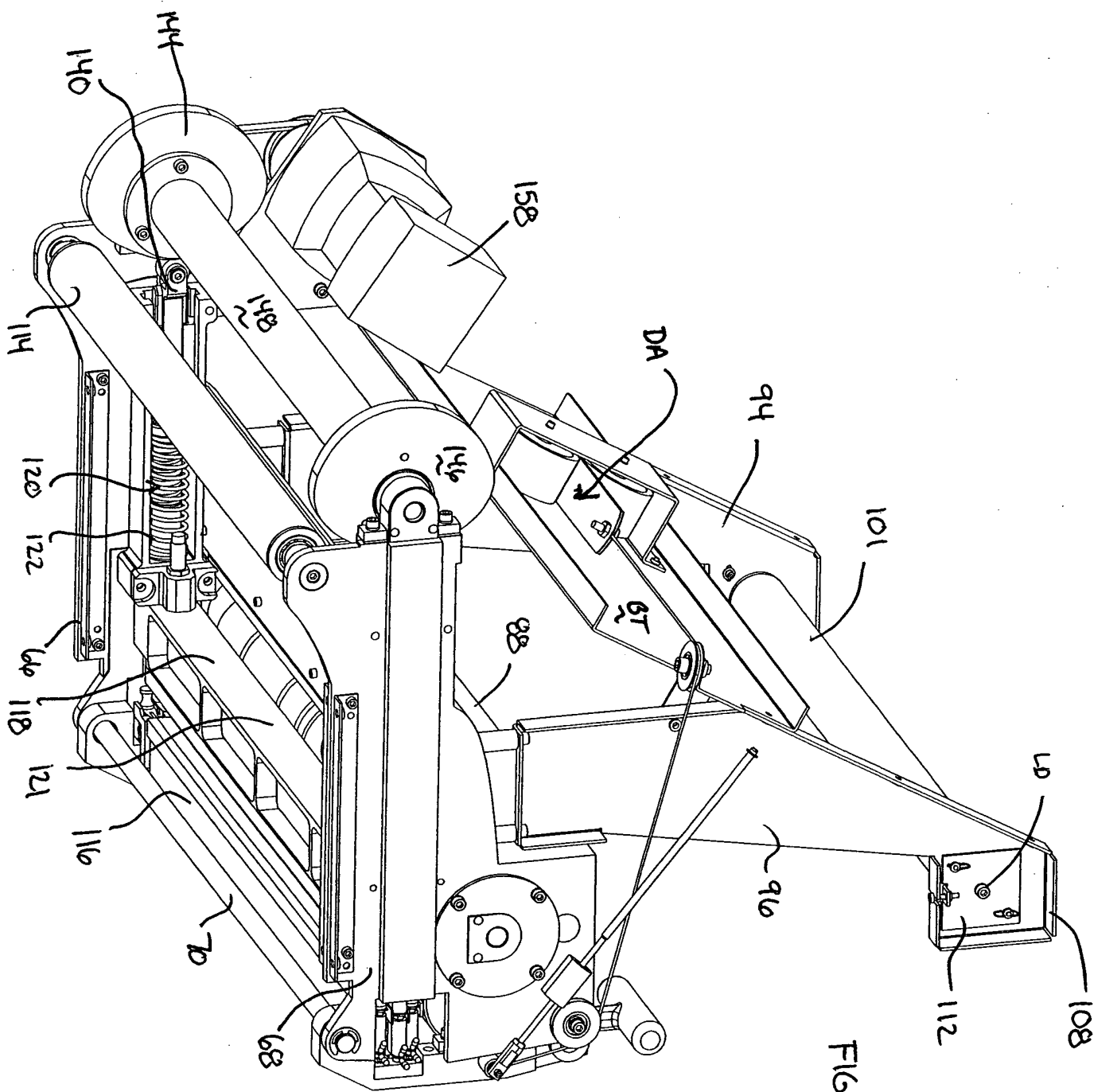
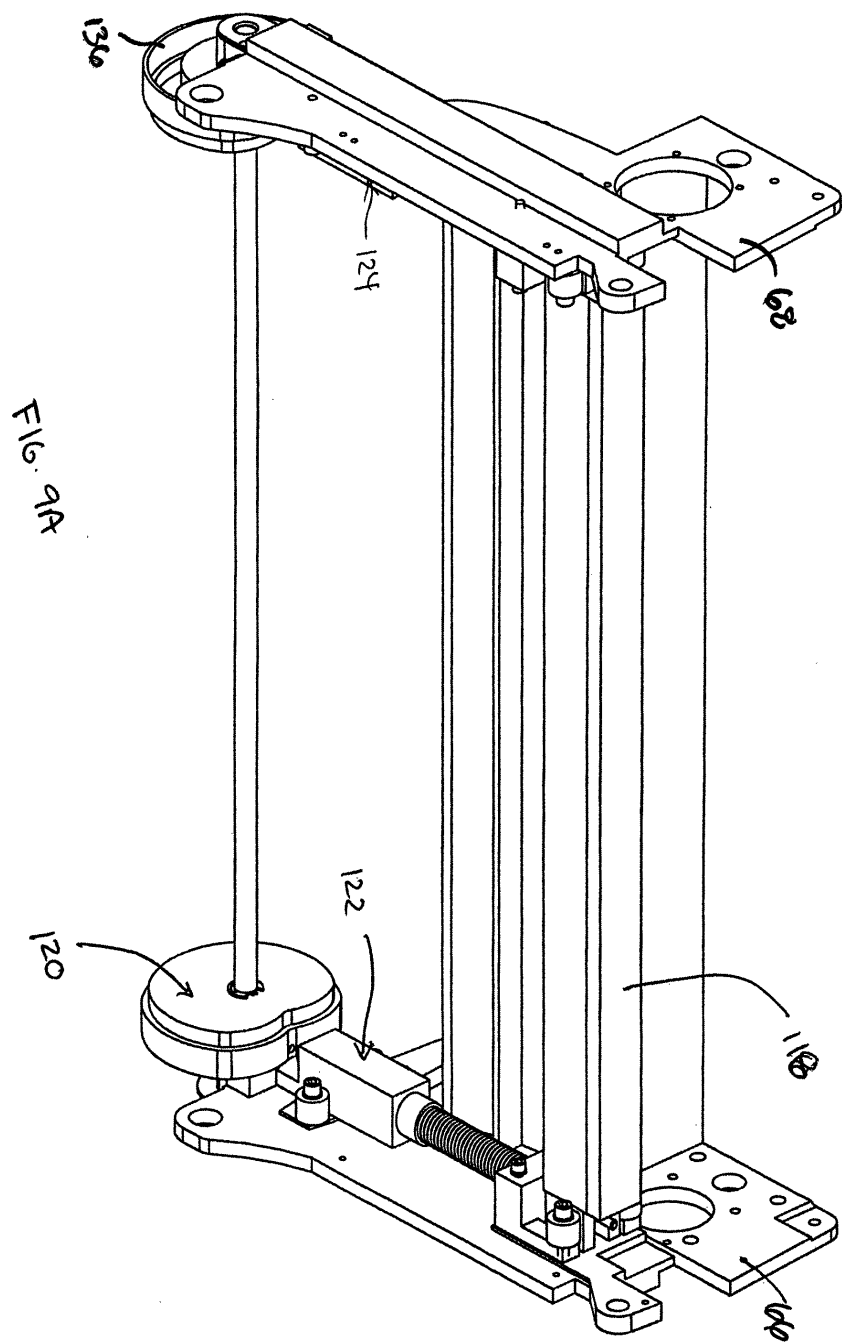
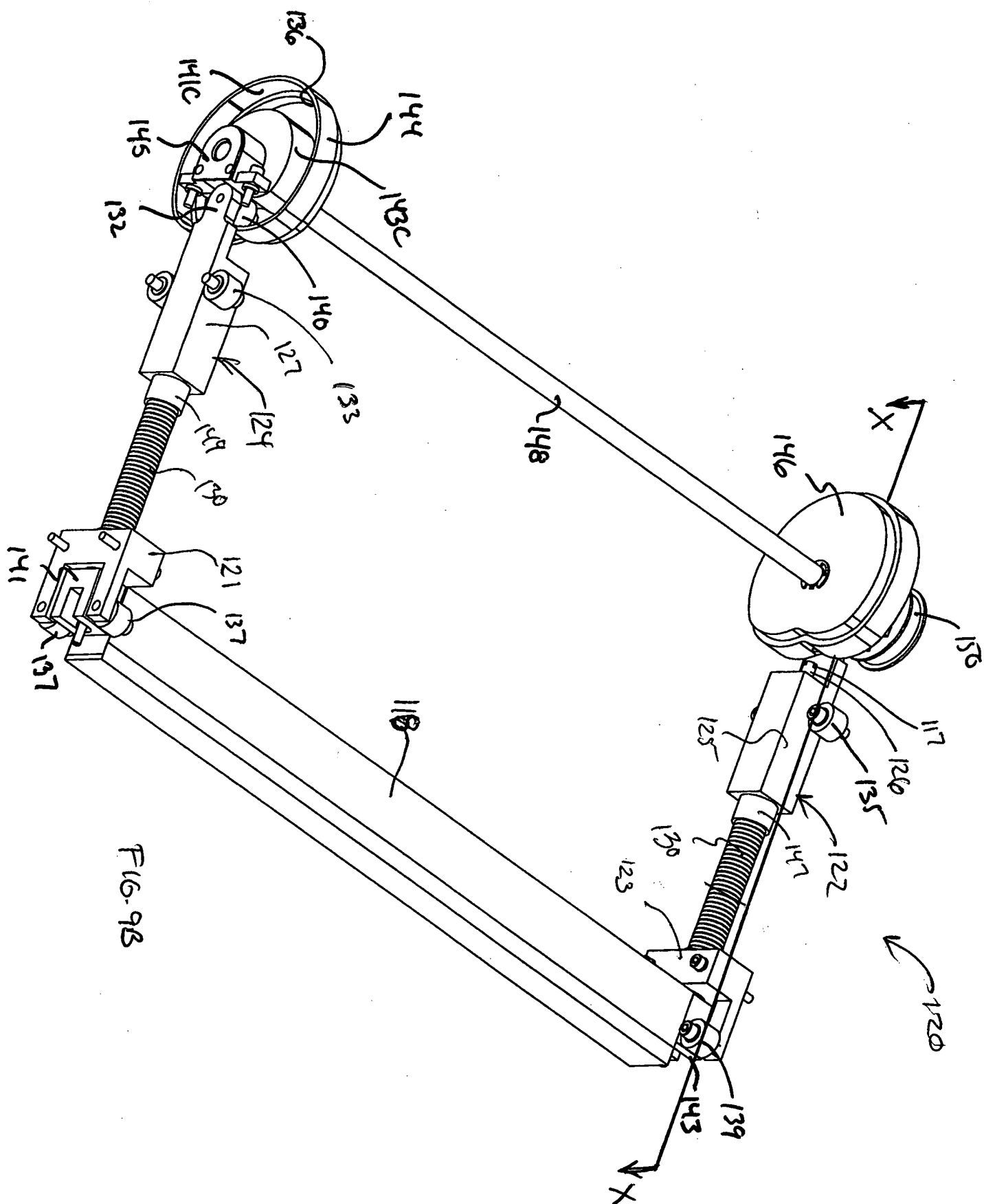
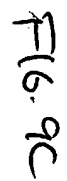


FIG. 8









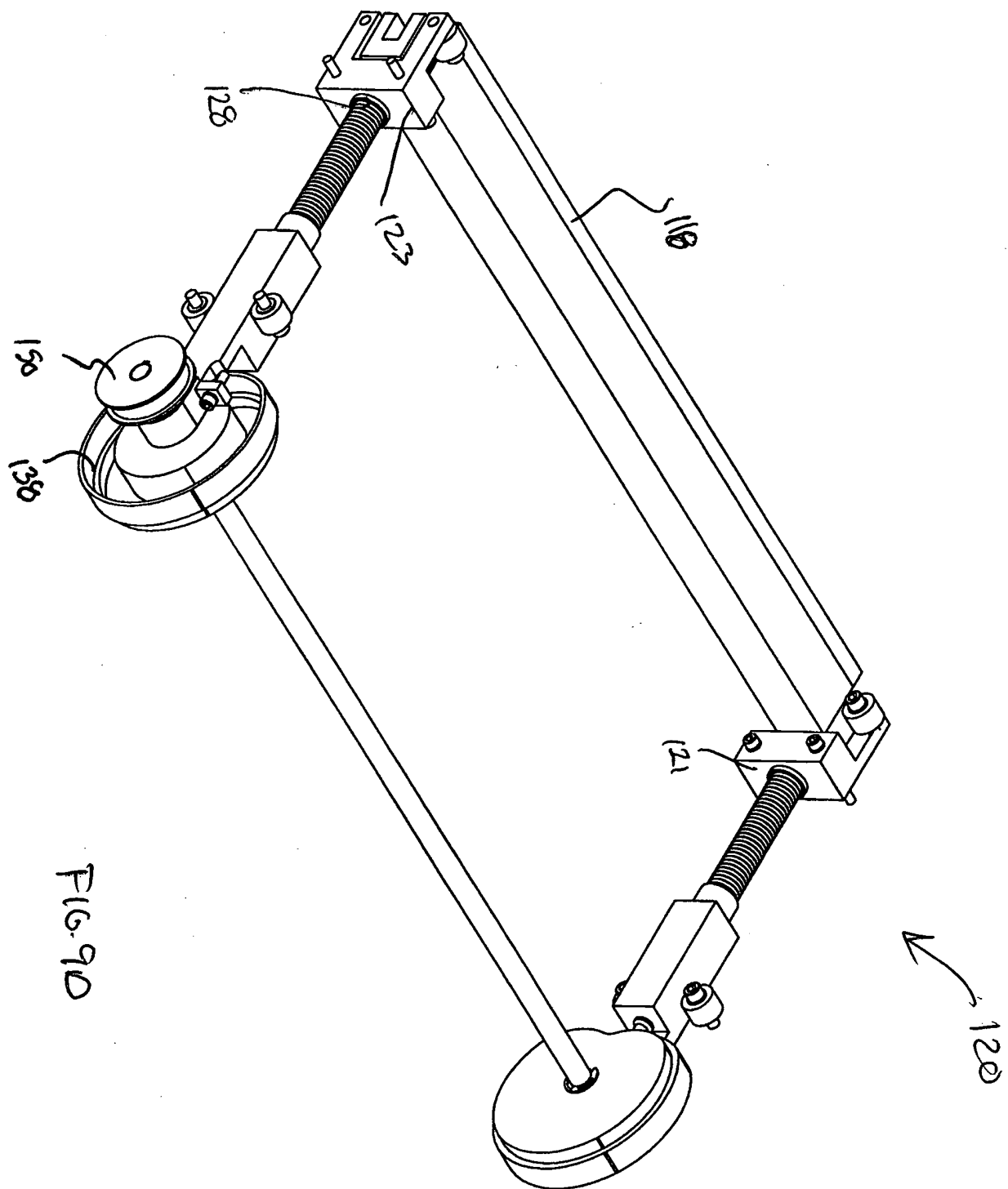
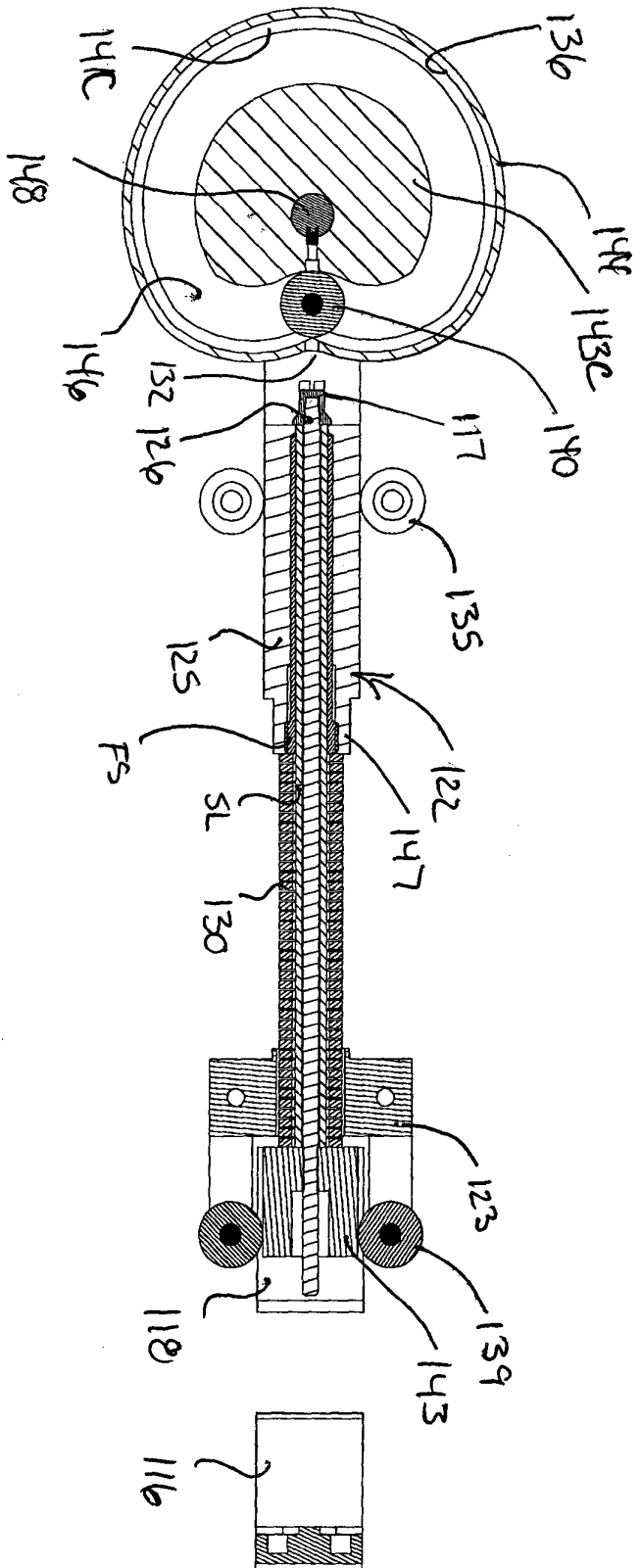


FIG. 9D

FIG. 9E



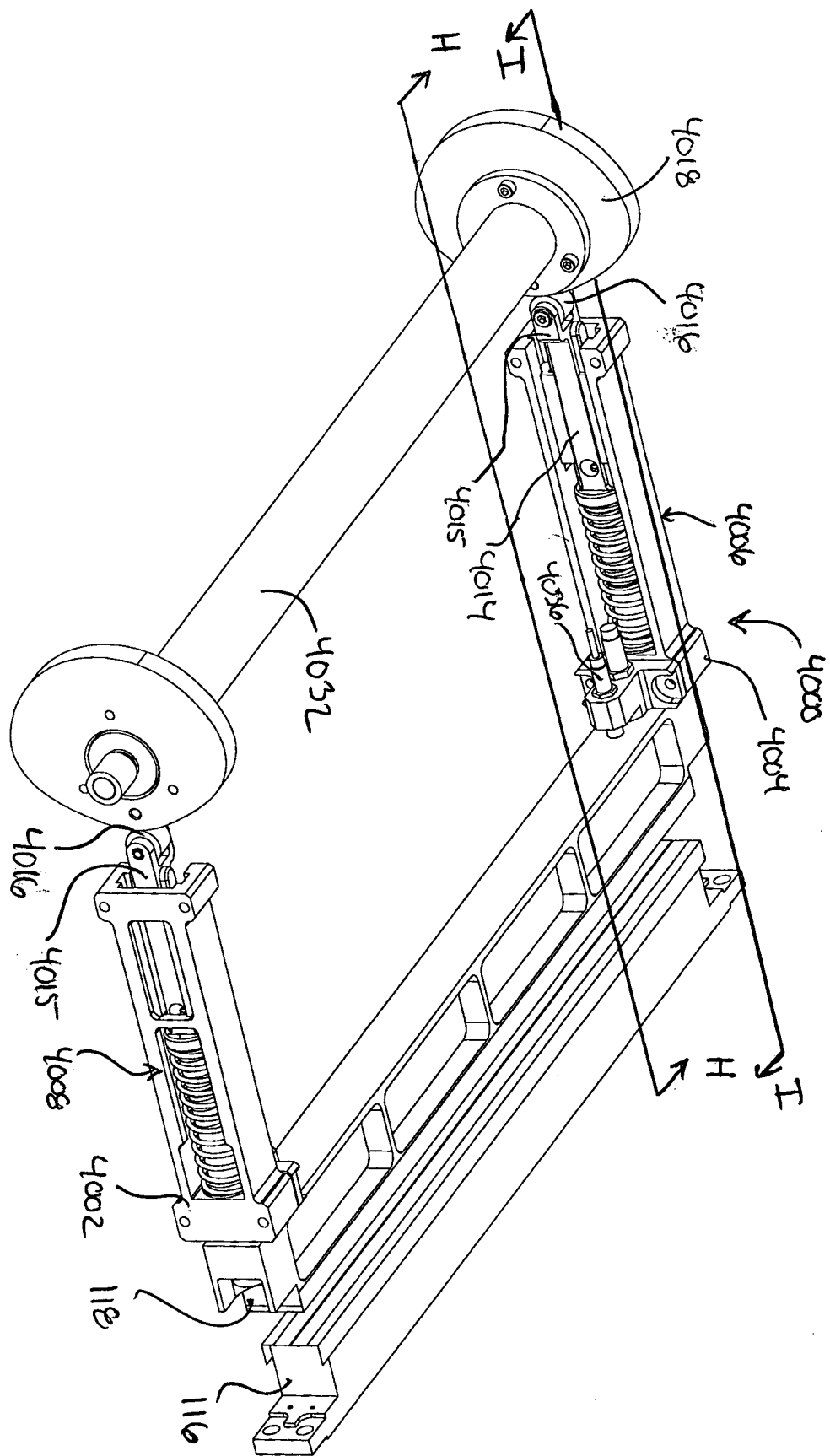
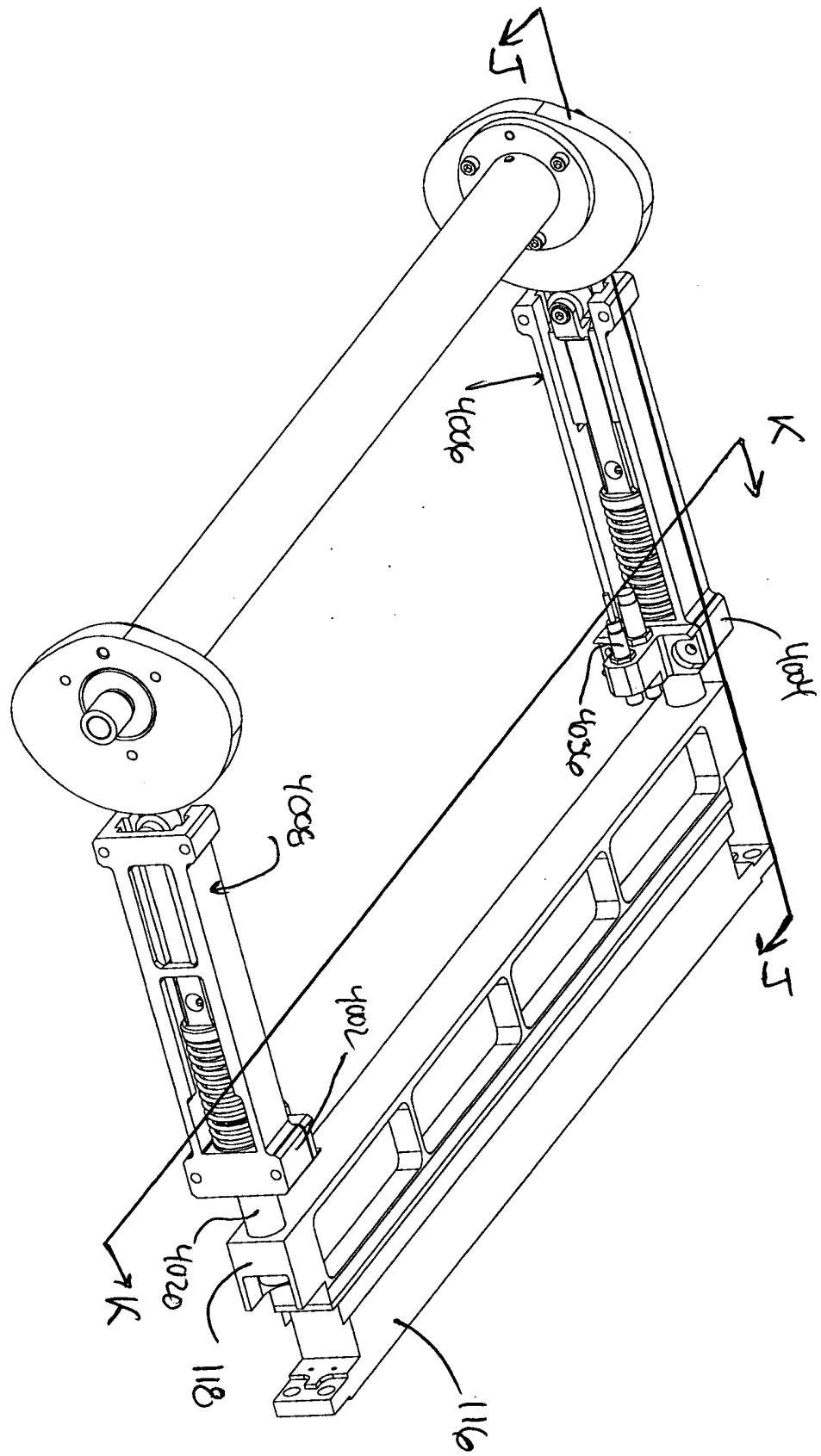


FIG. 9F

FIG. 9C



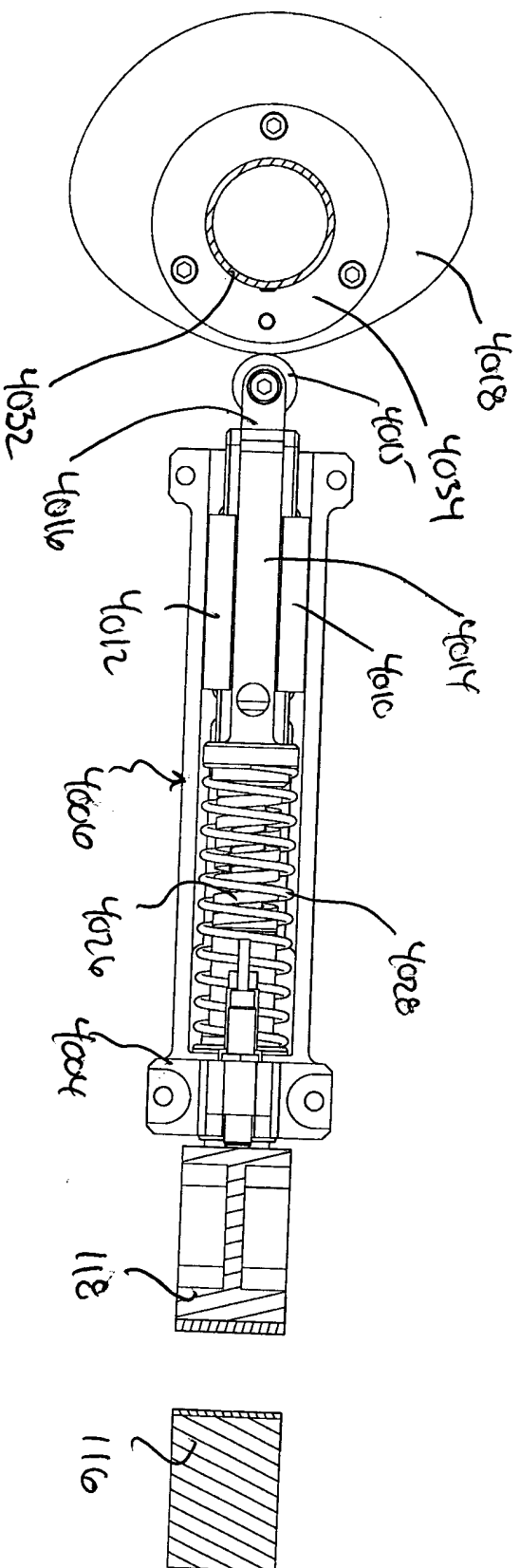


FIG. 9H

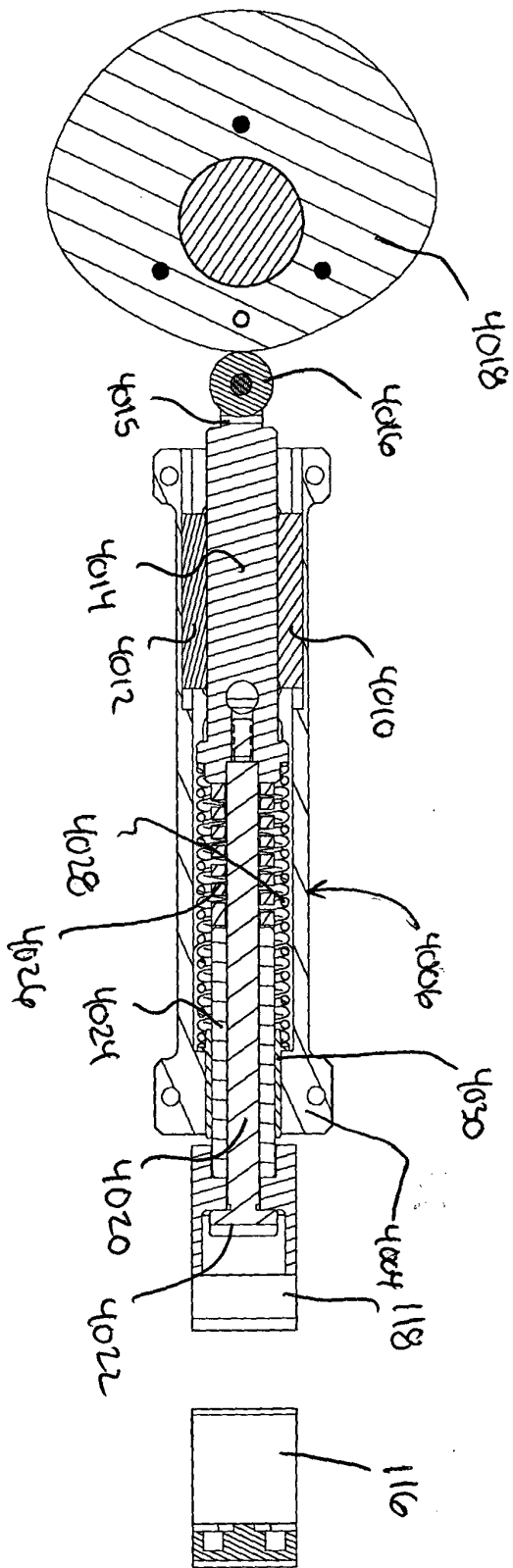


FIG. 9I

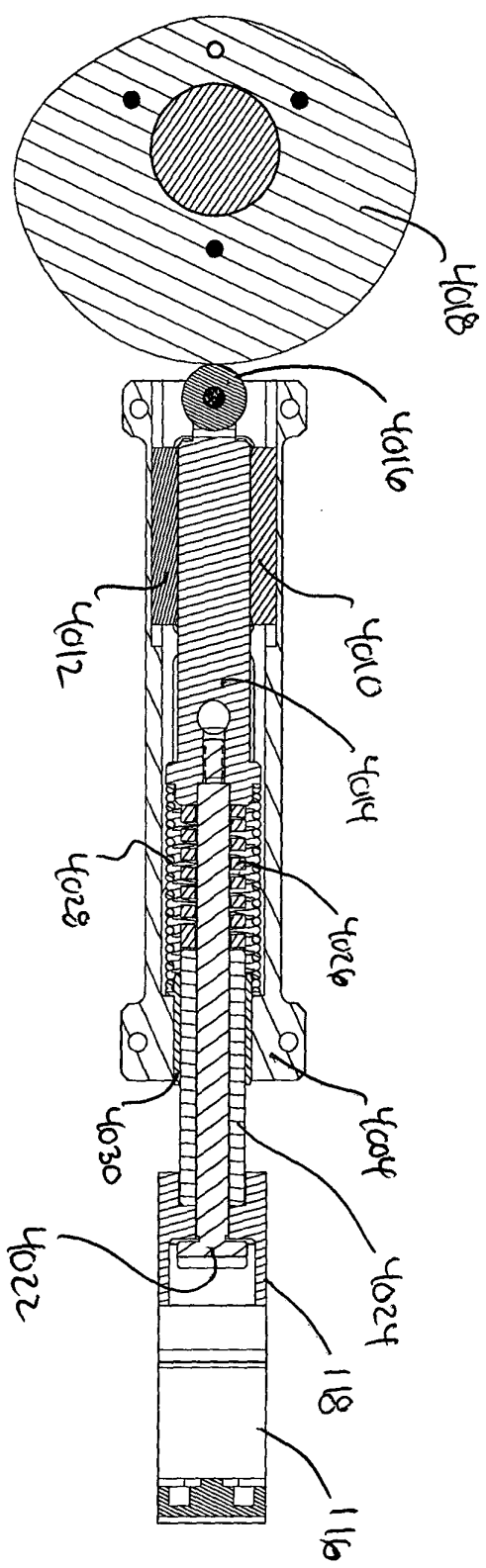
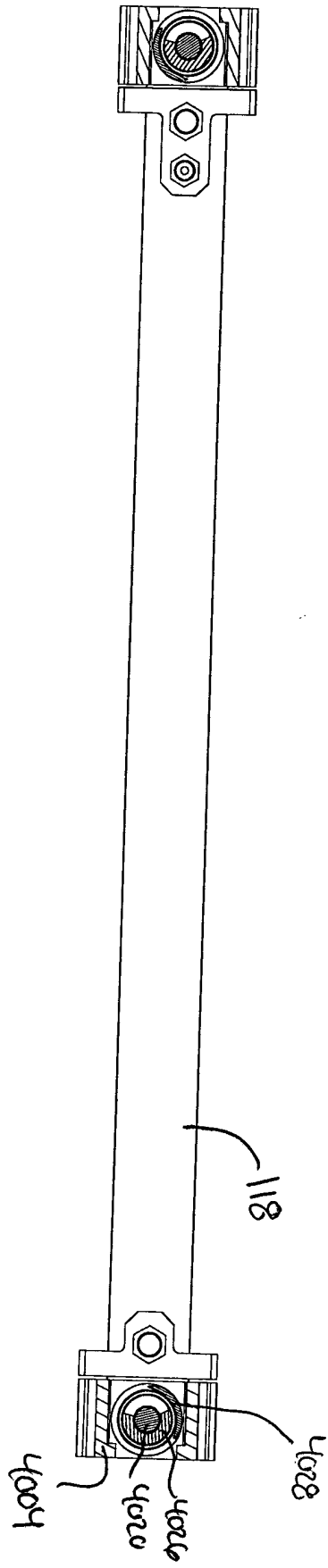


FIG. 95

FIG. 9K



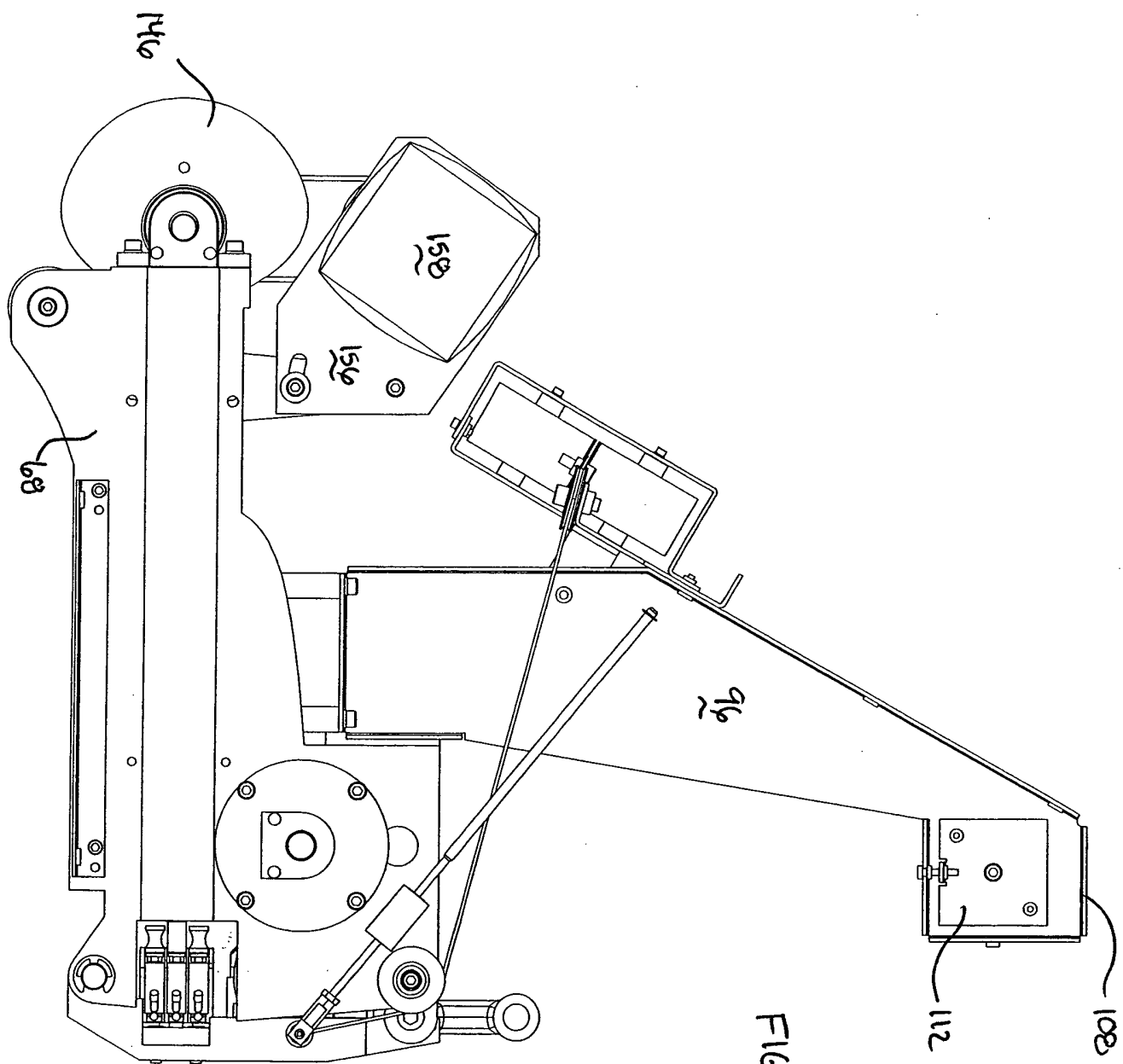
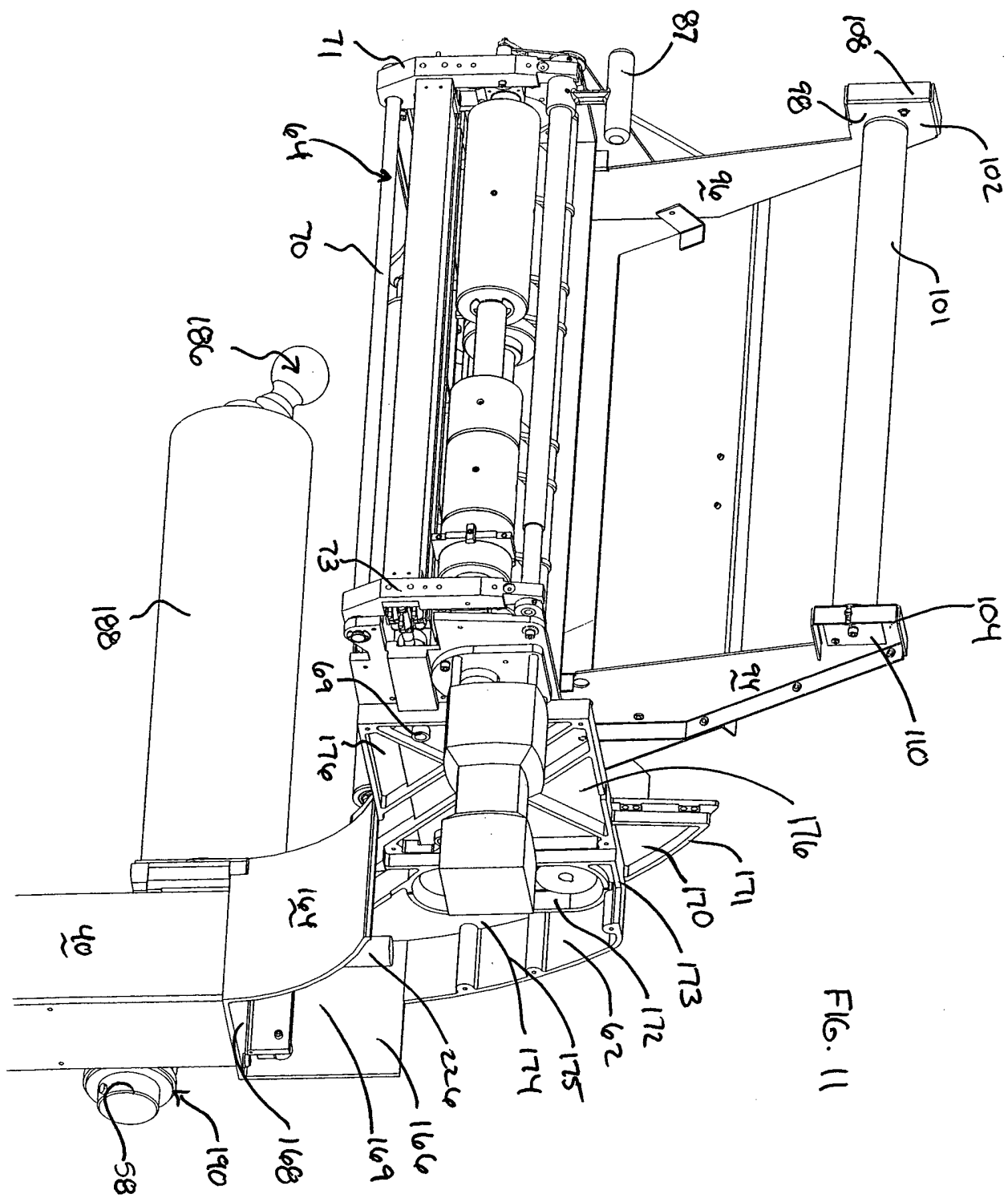
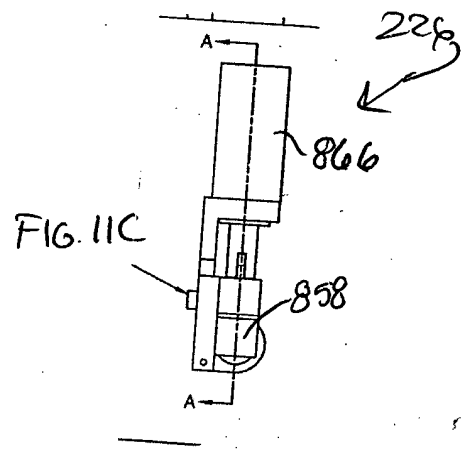
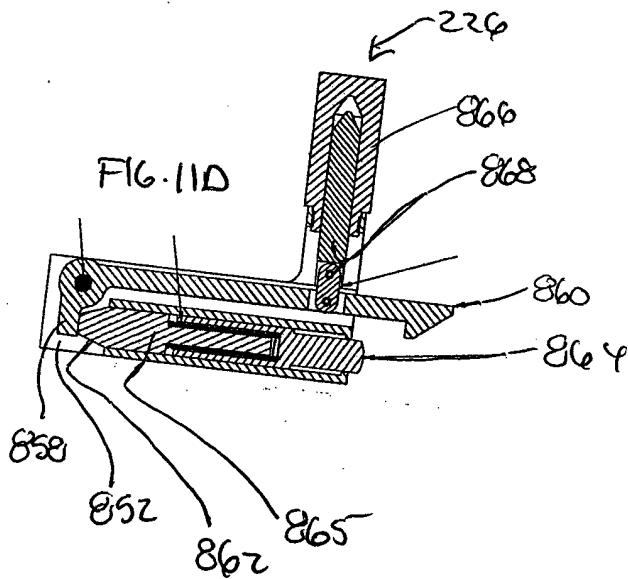
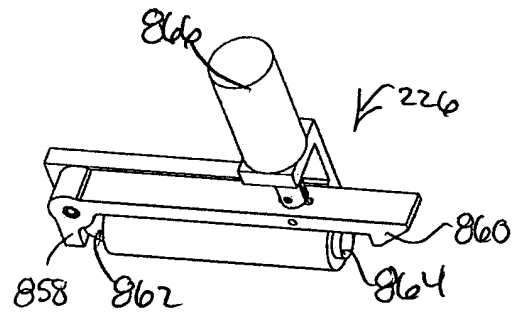
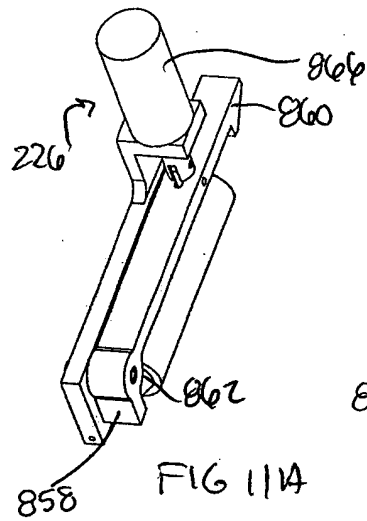
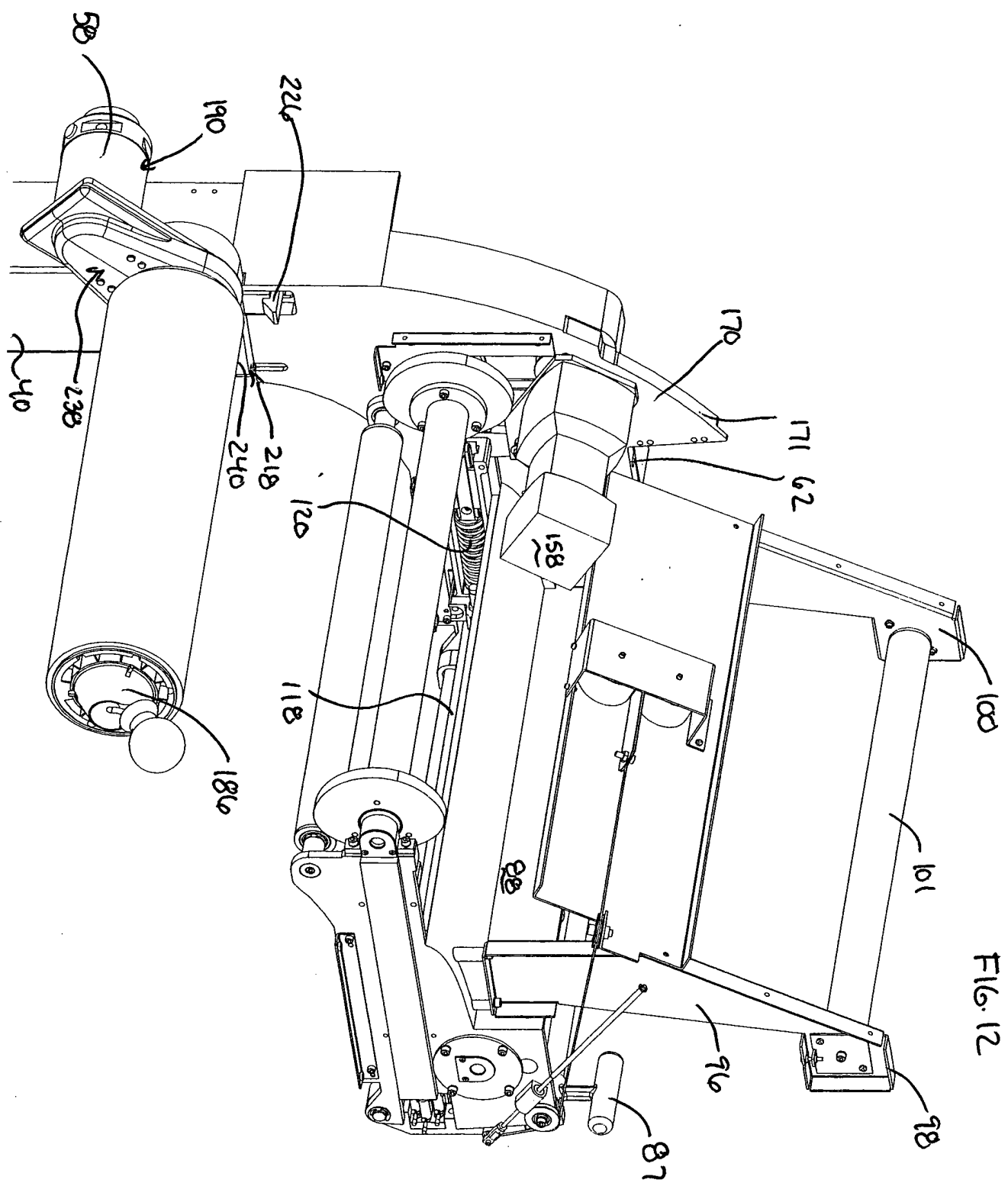


FIG. 10







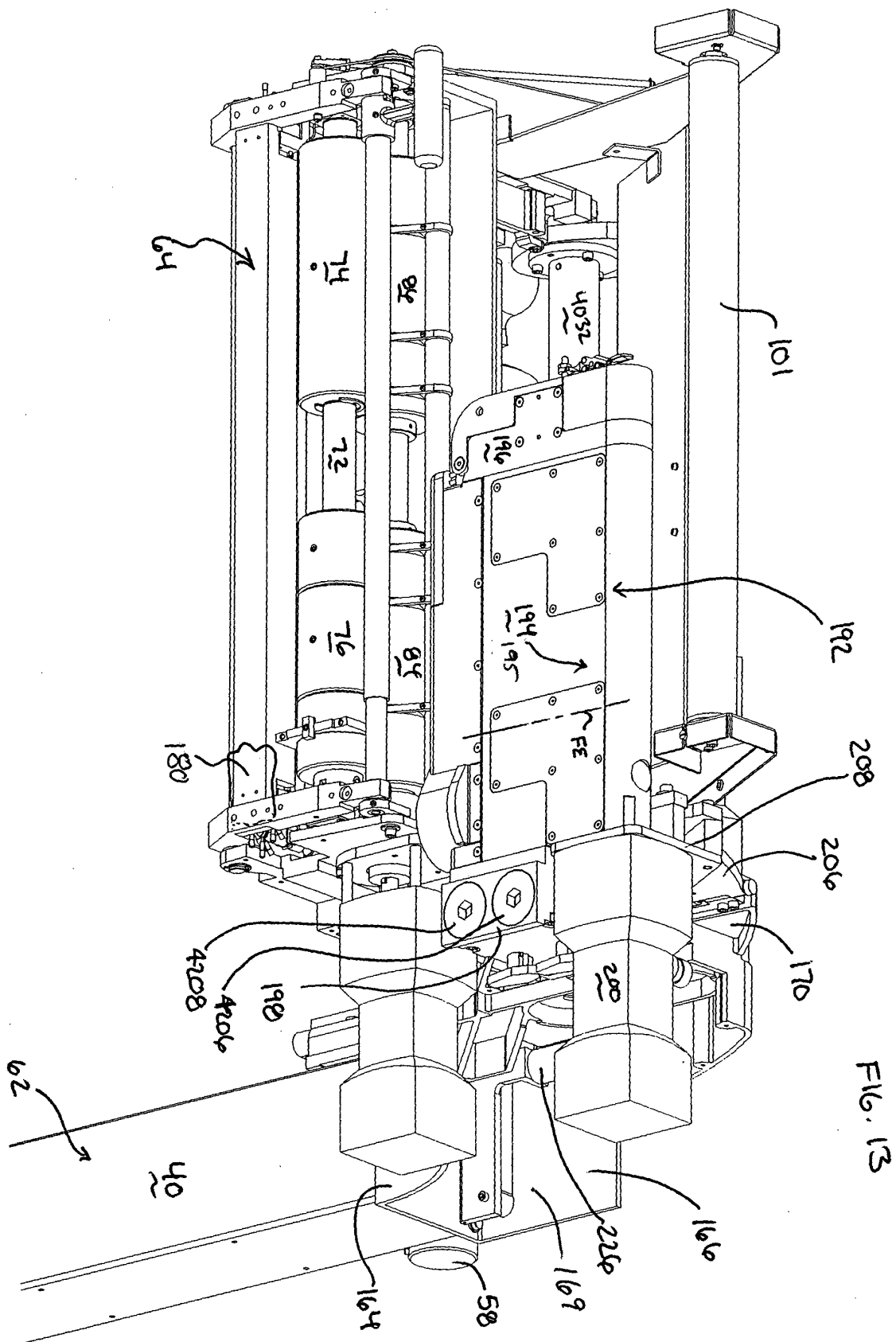


FIG. 13

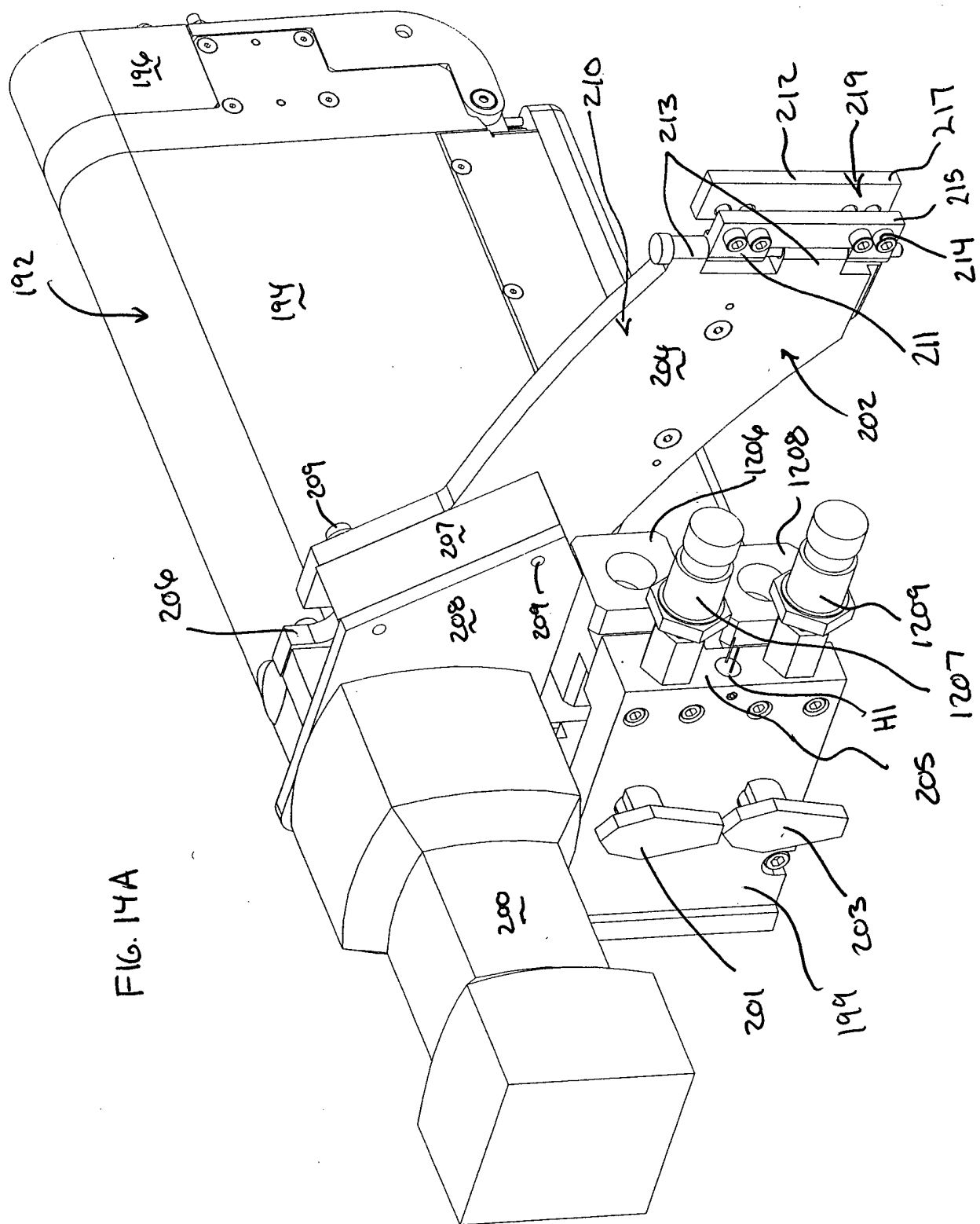
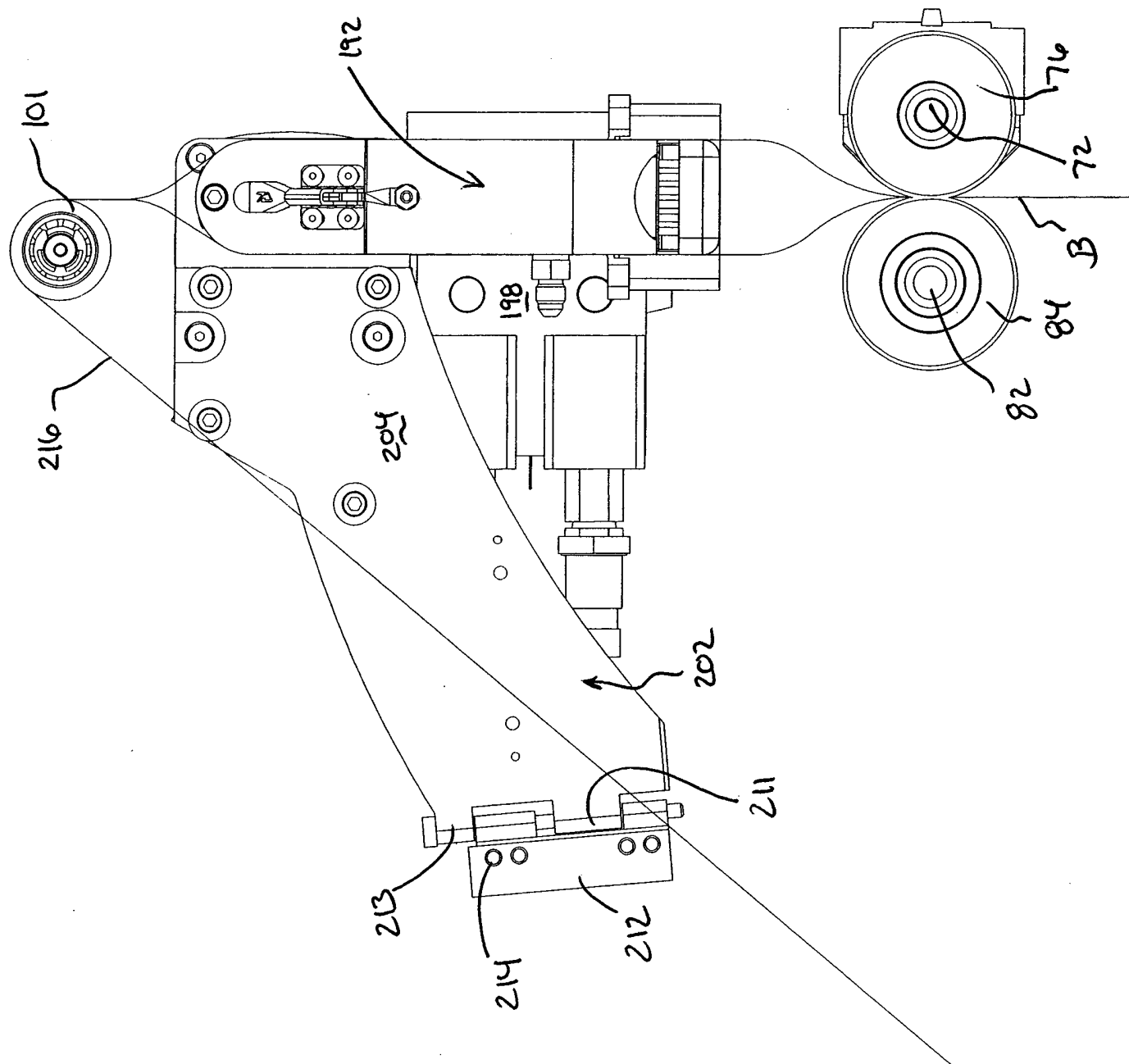


FIG. 14A



FILE 148

FIG 15A

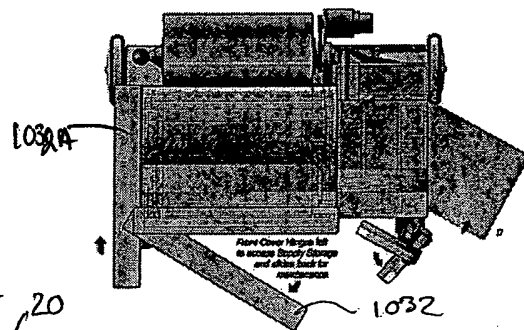


FIG. 15

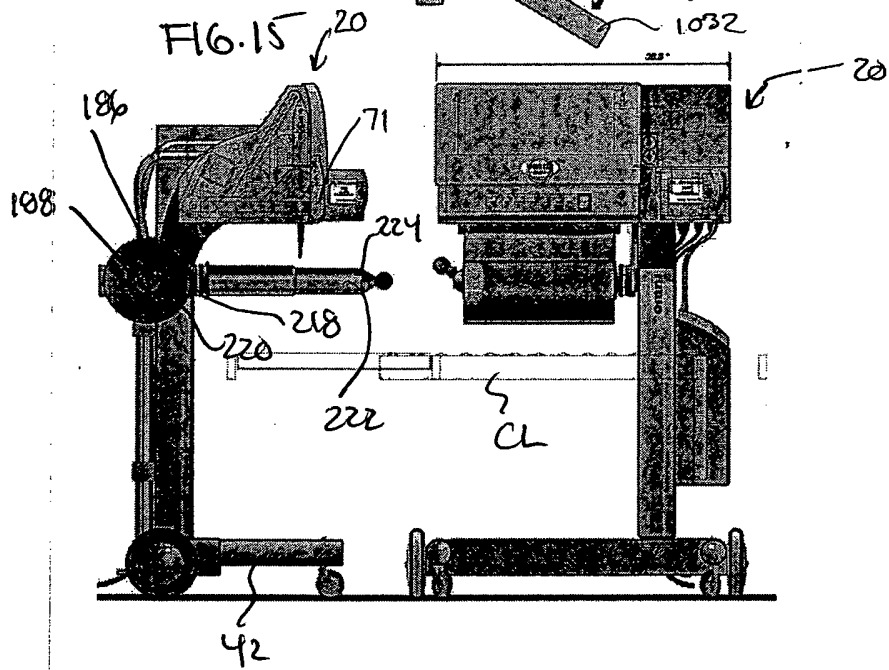
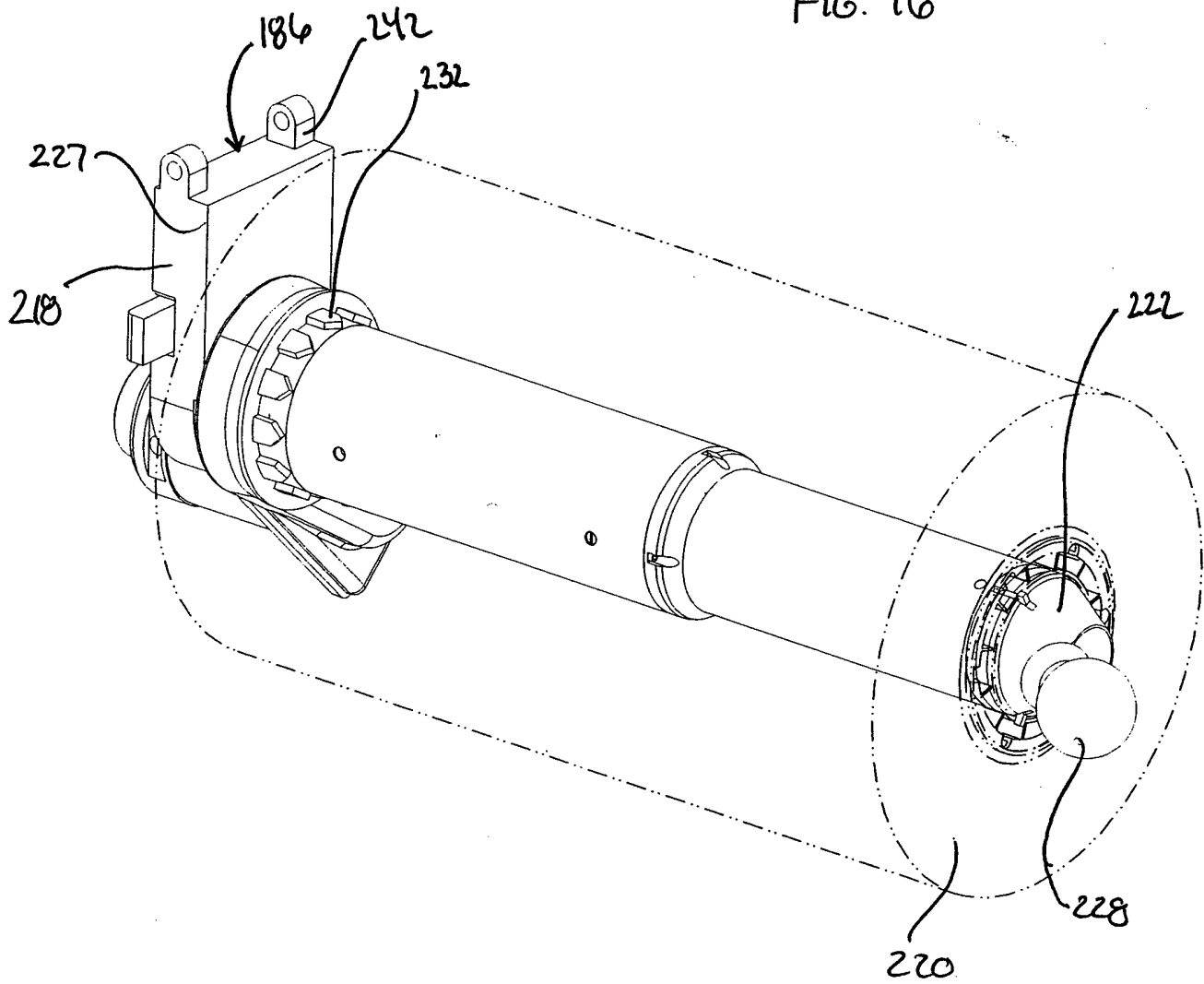


FIG-15B

FIG. 16



F16.17

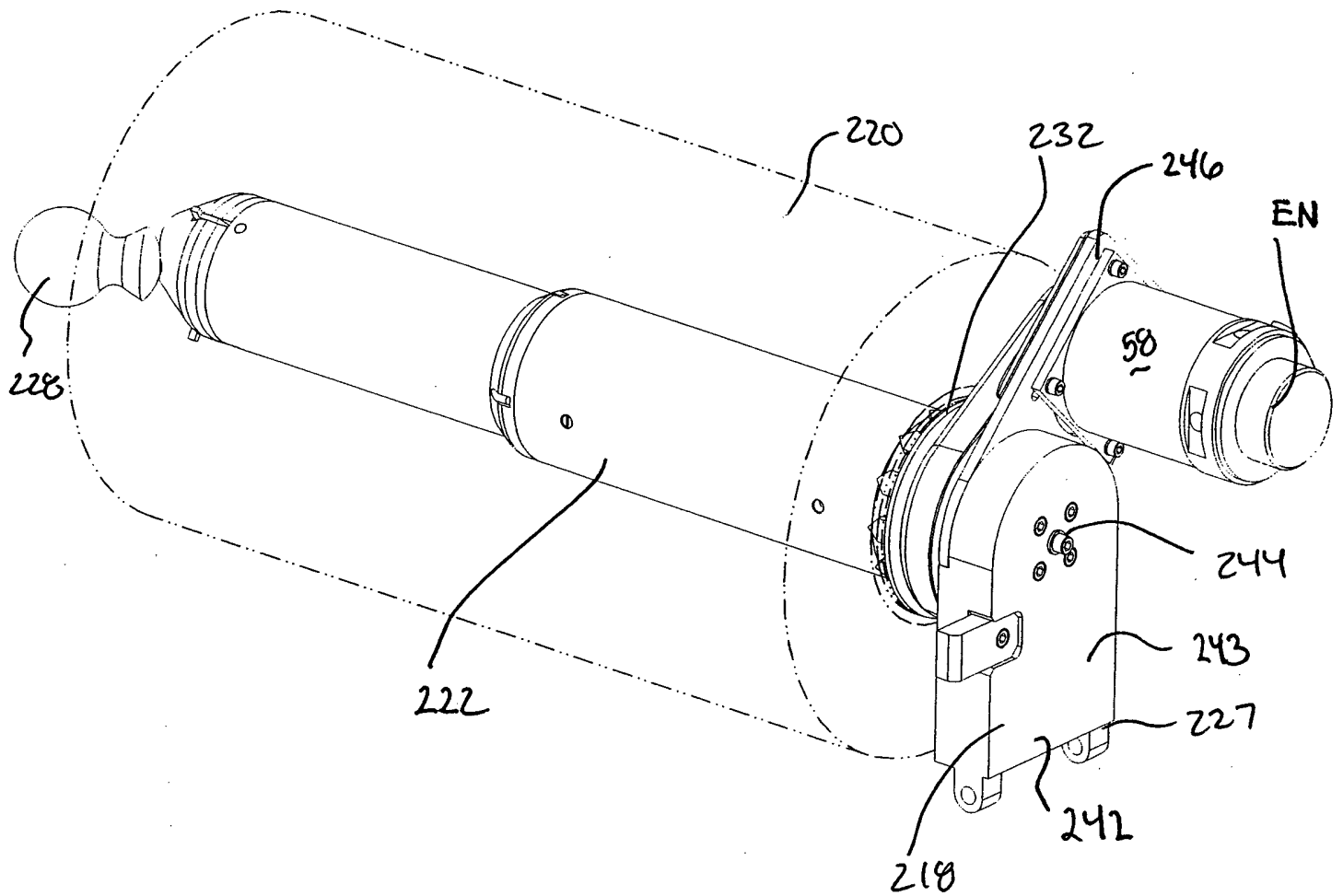
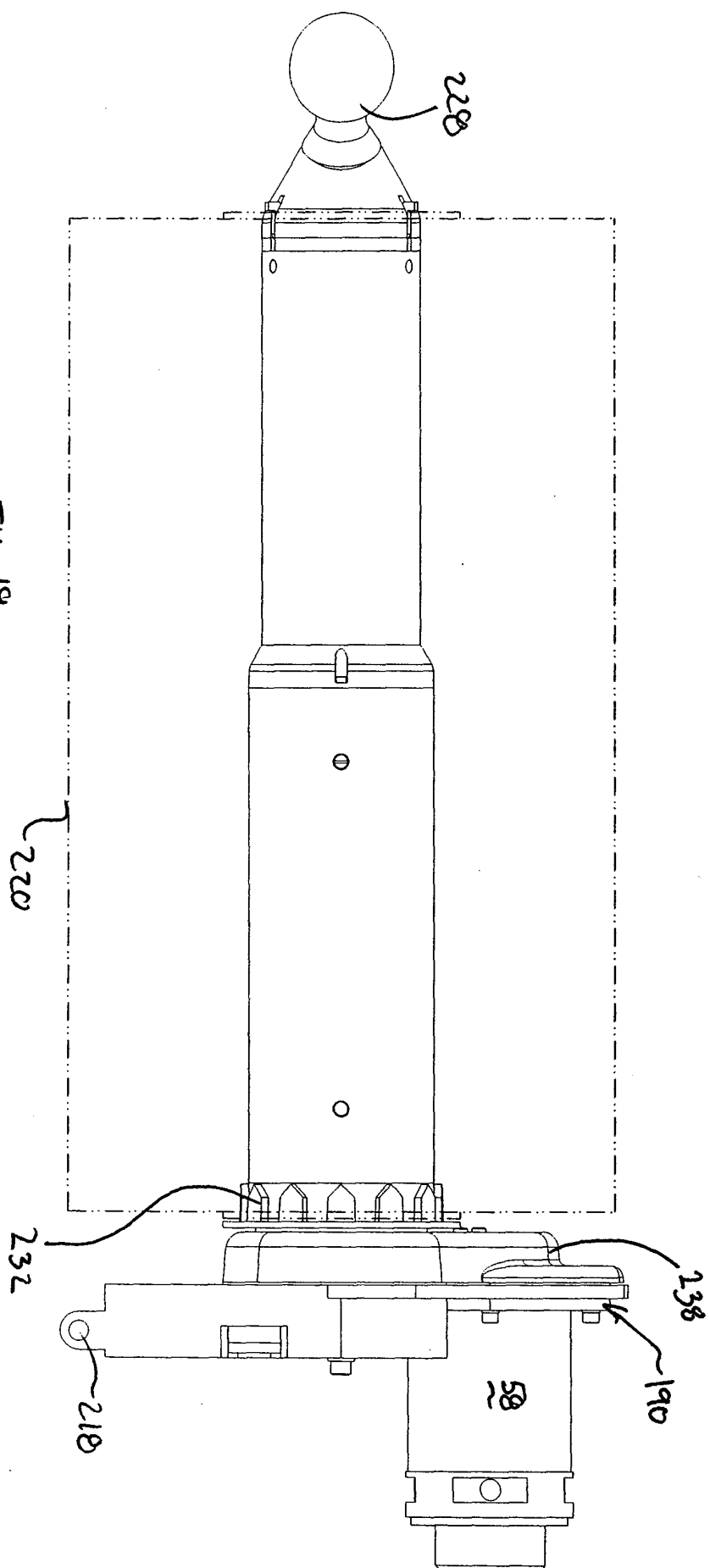


FIG. 18



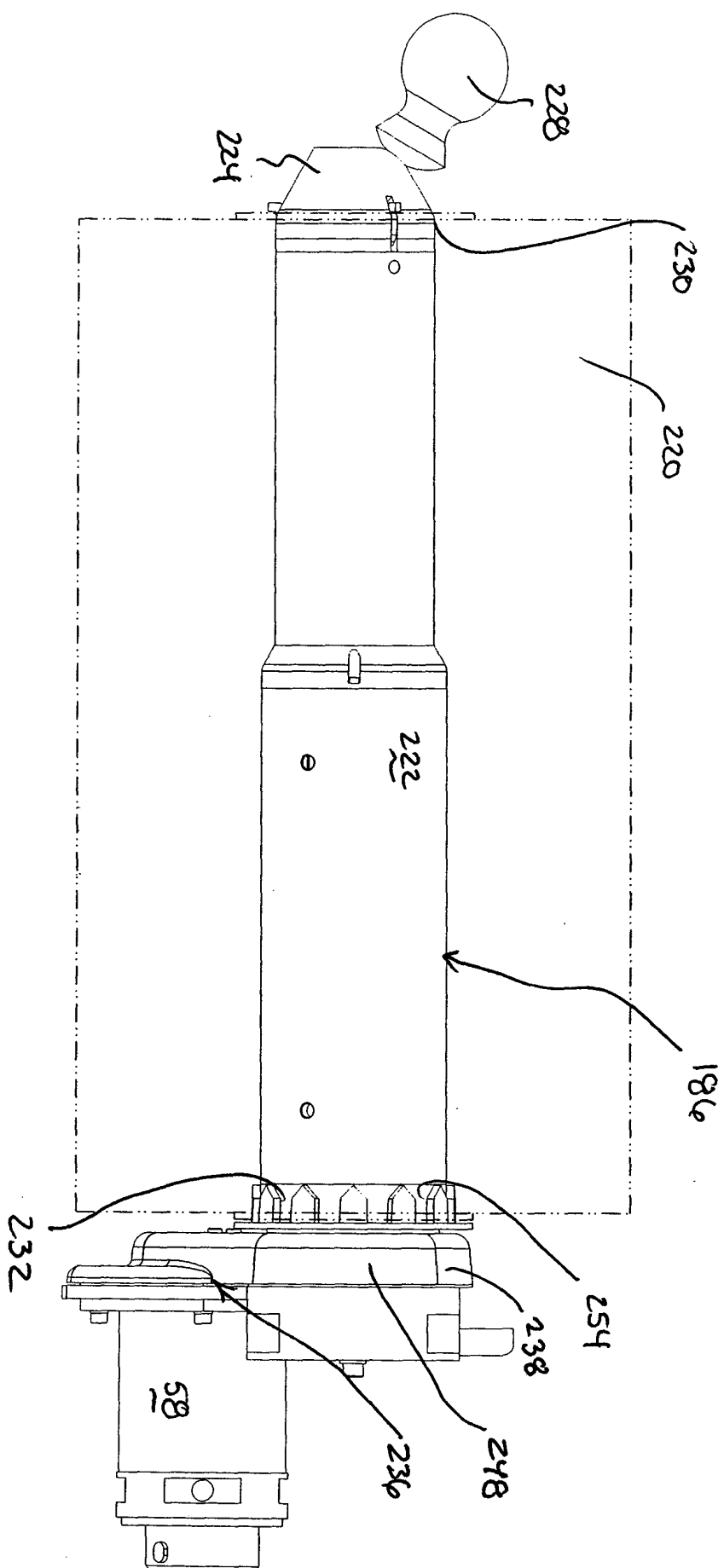


FIG. 19

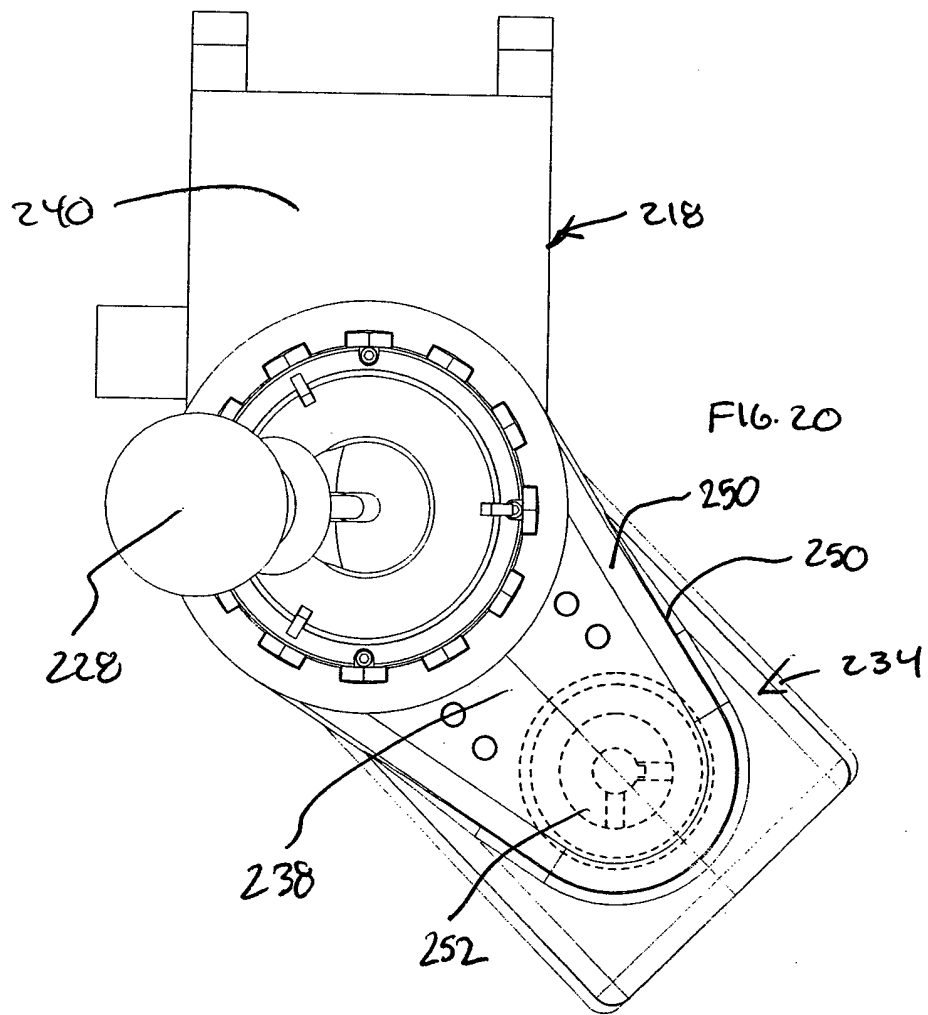
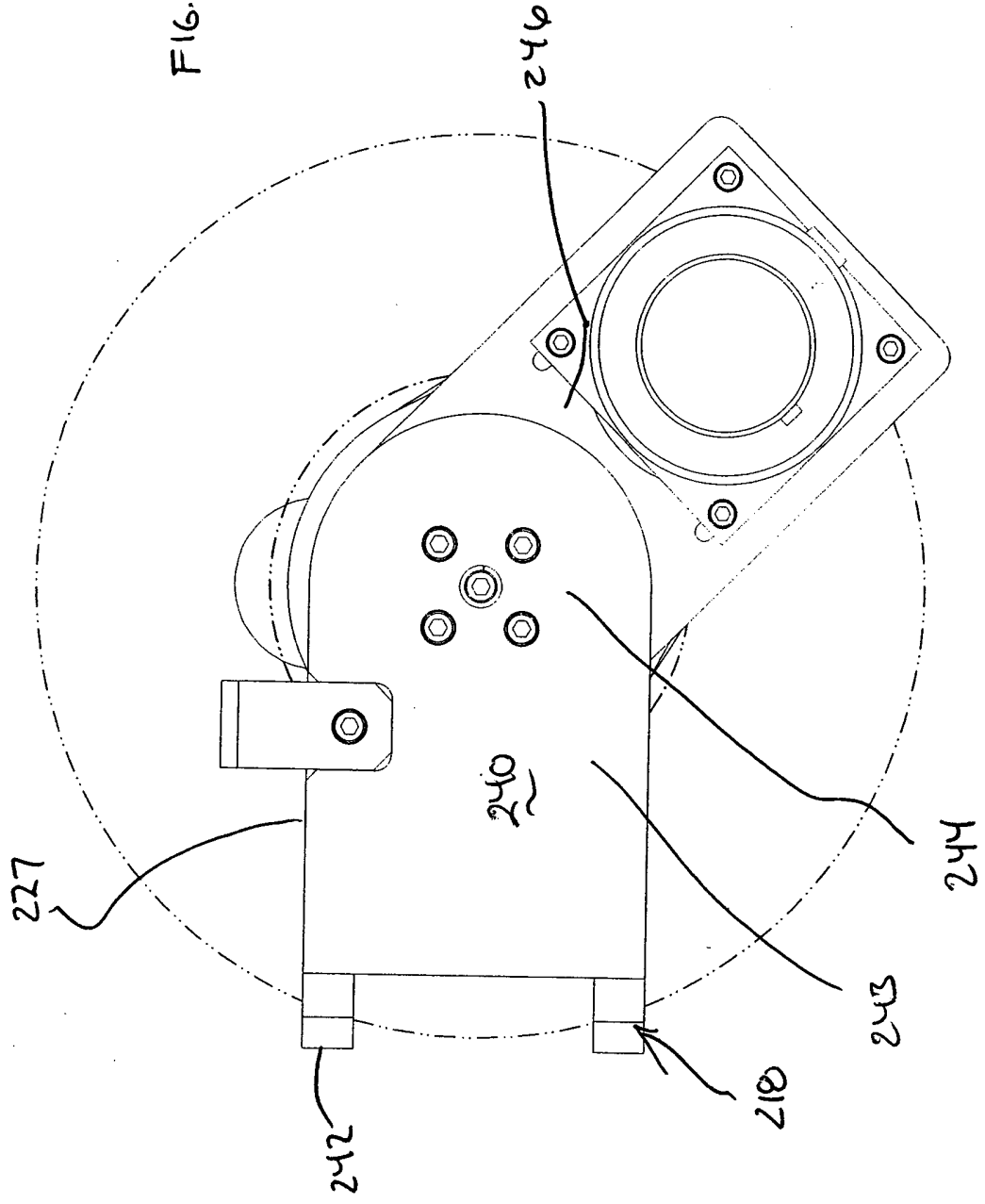


FIG. 21



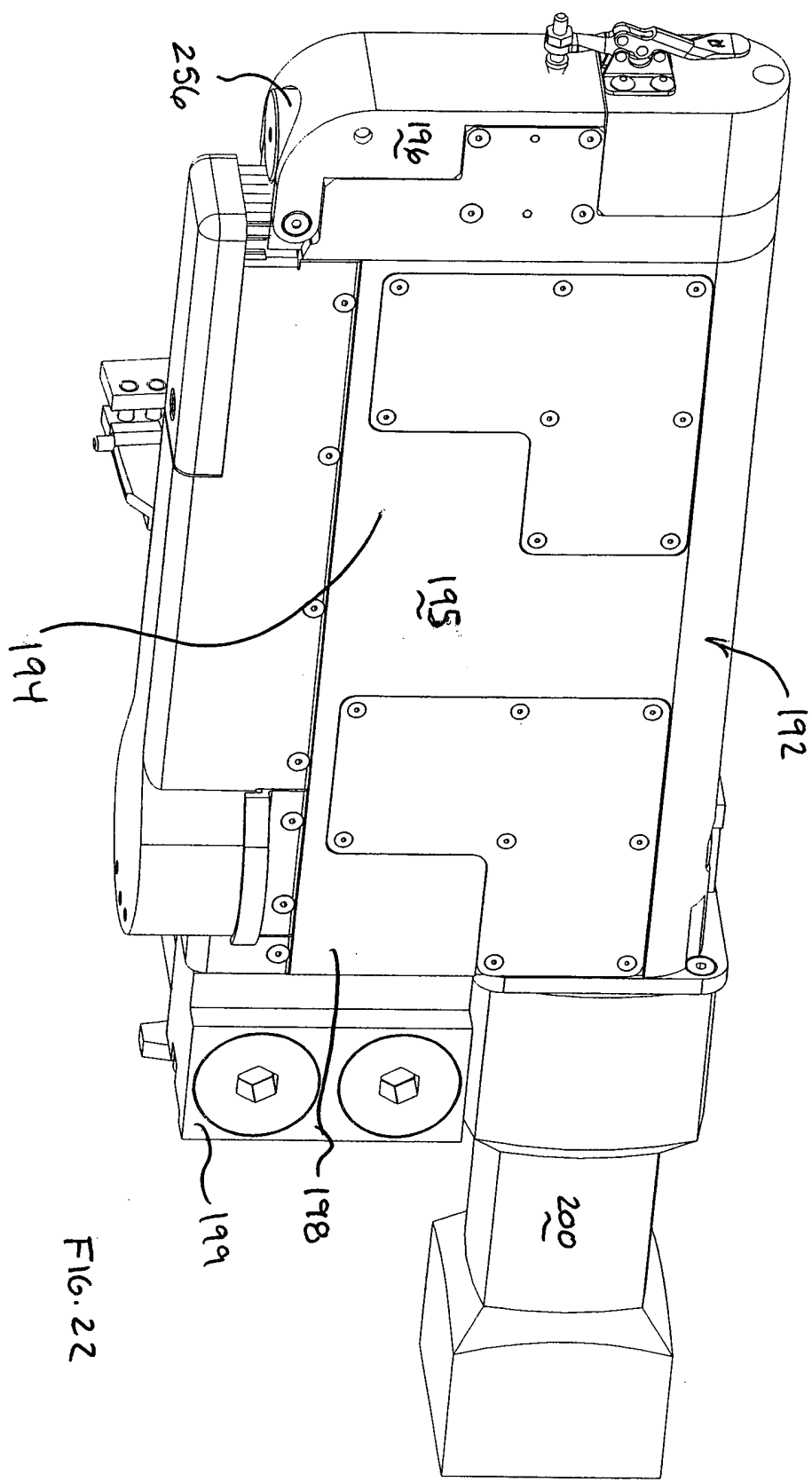
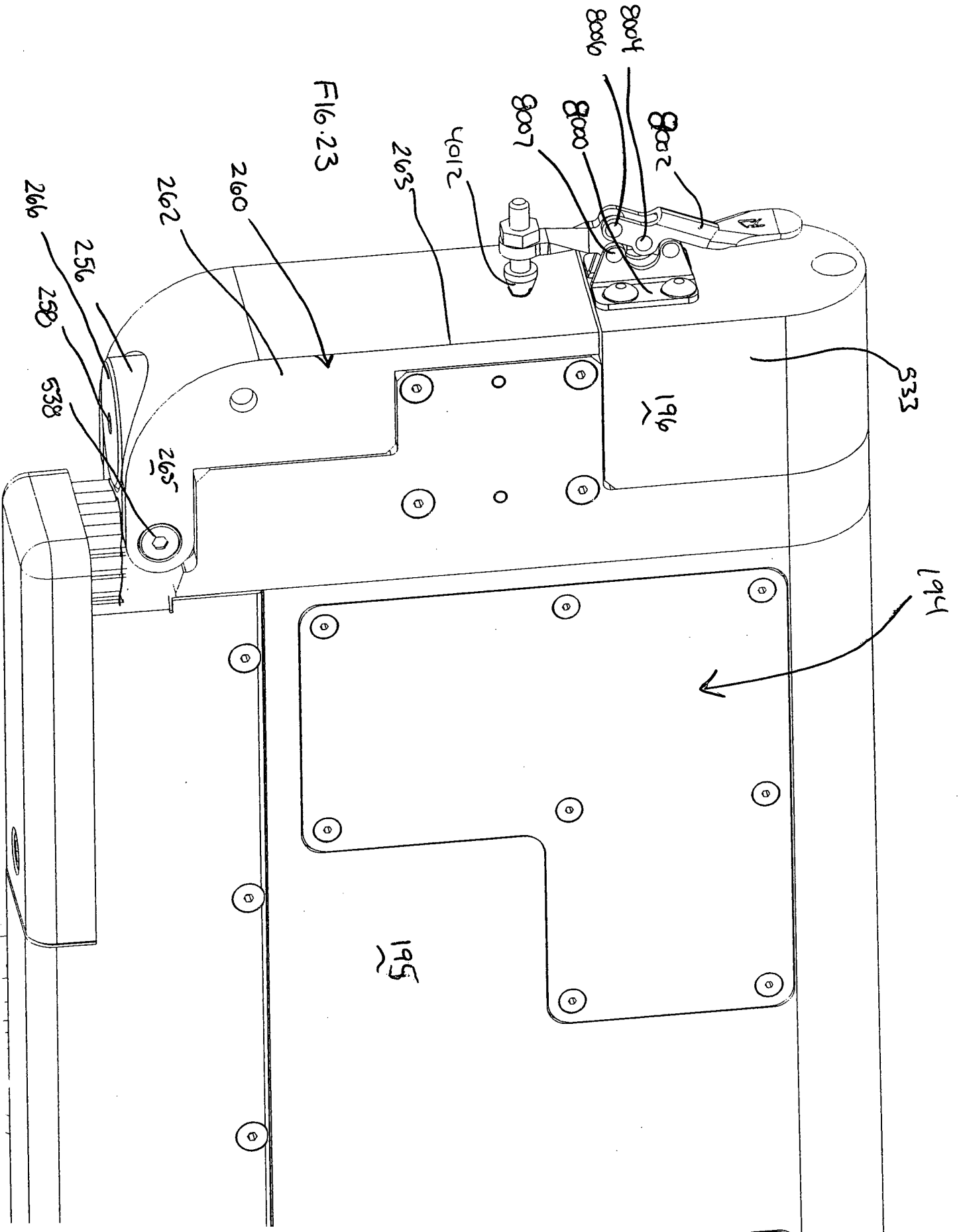
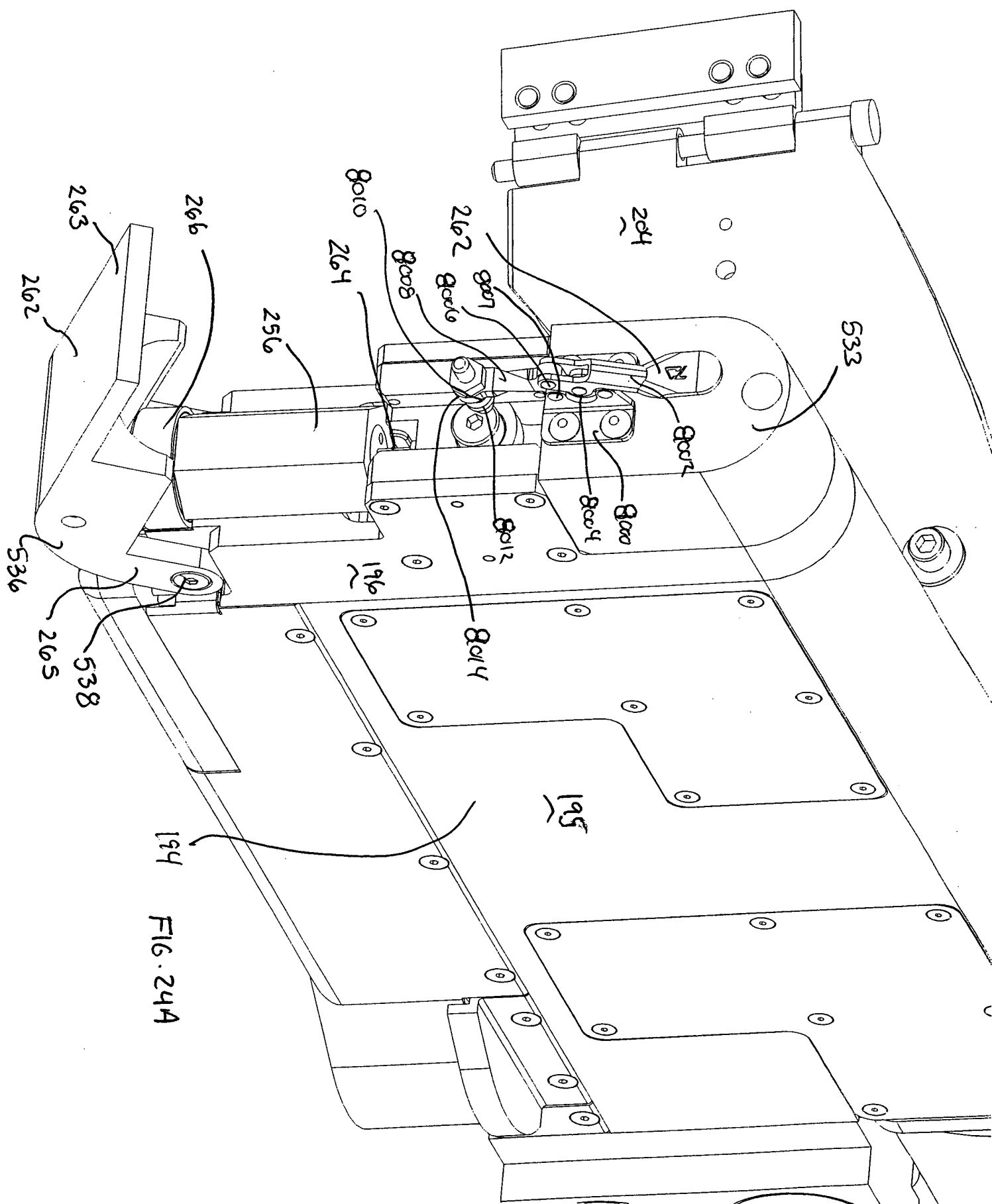


FIG. 22





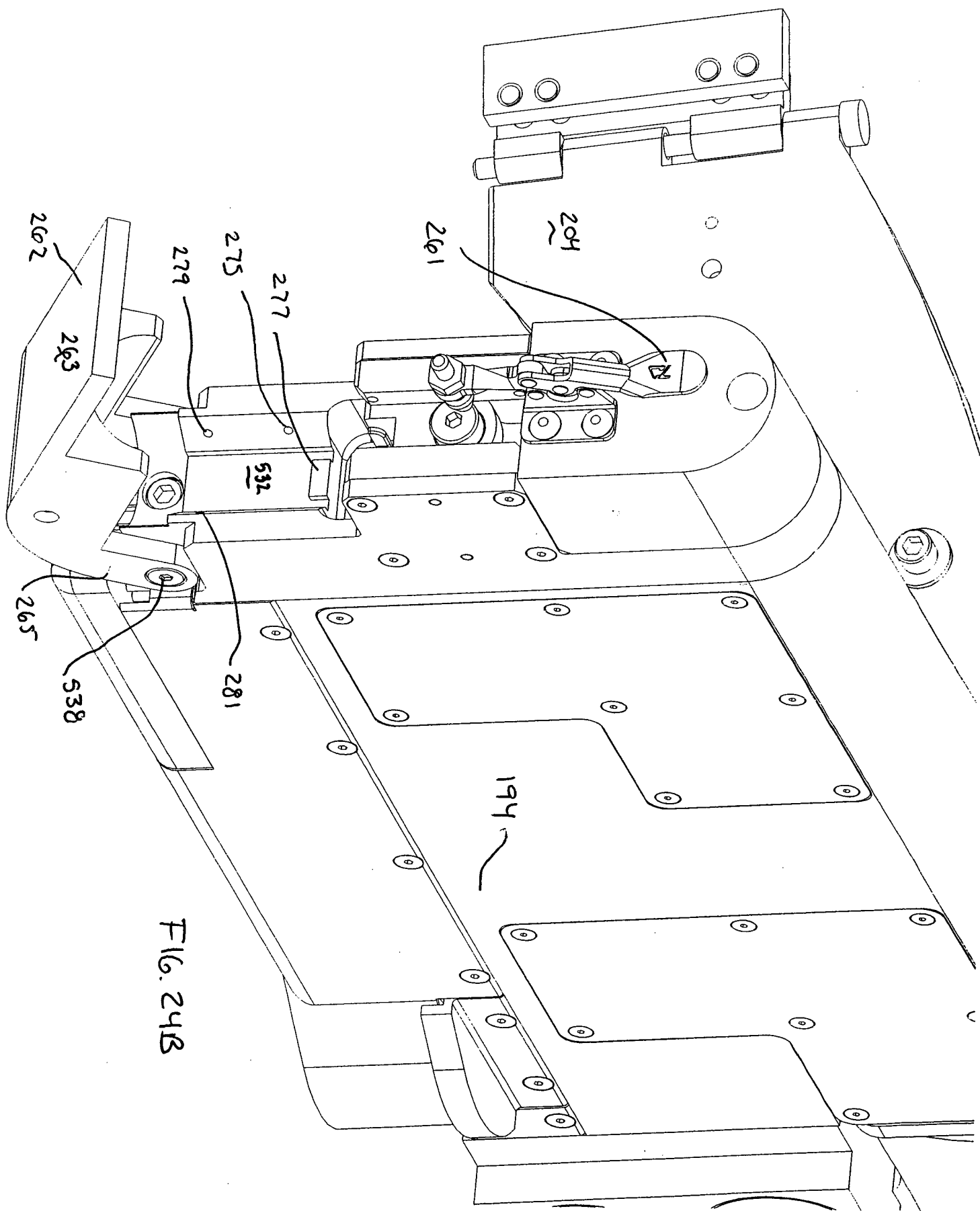


FIG. 24B

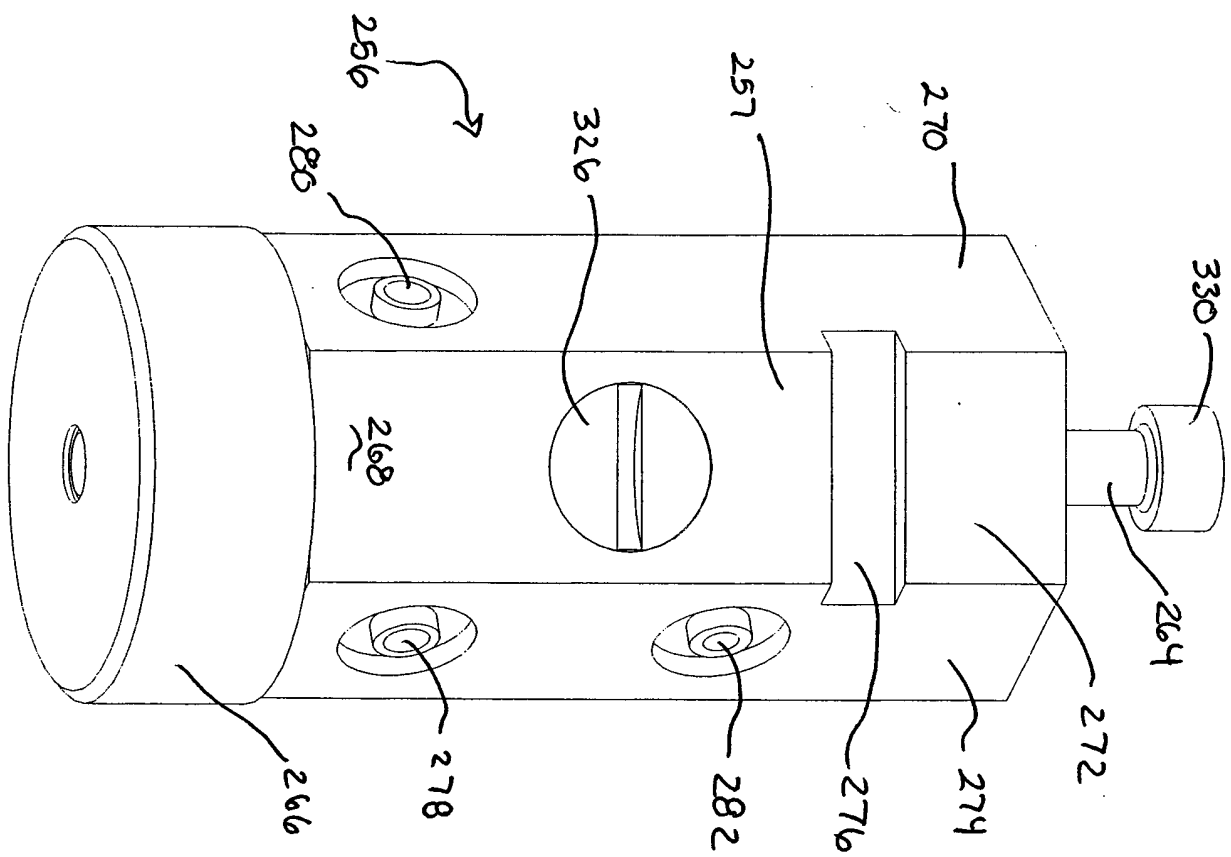


FIG. 25

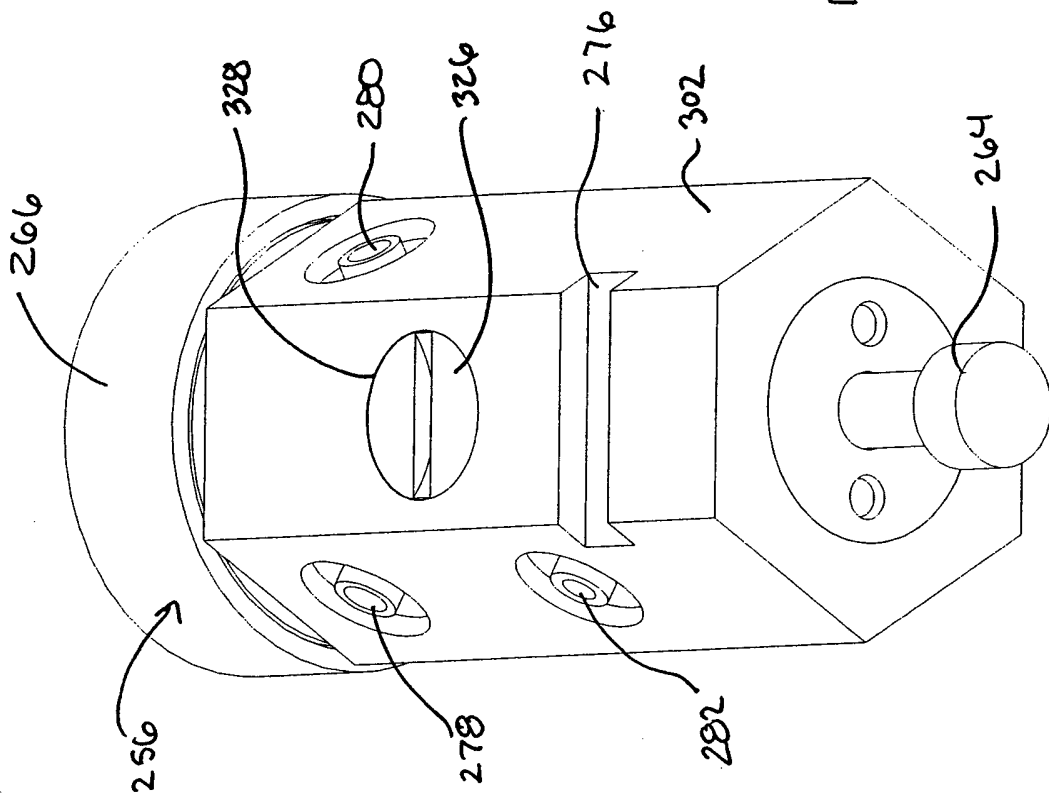
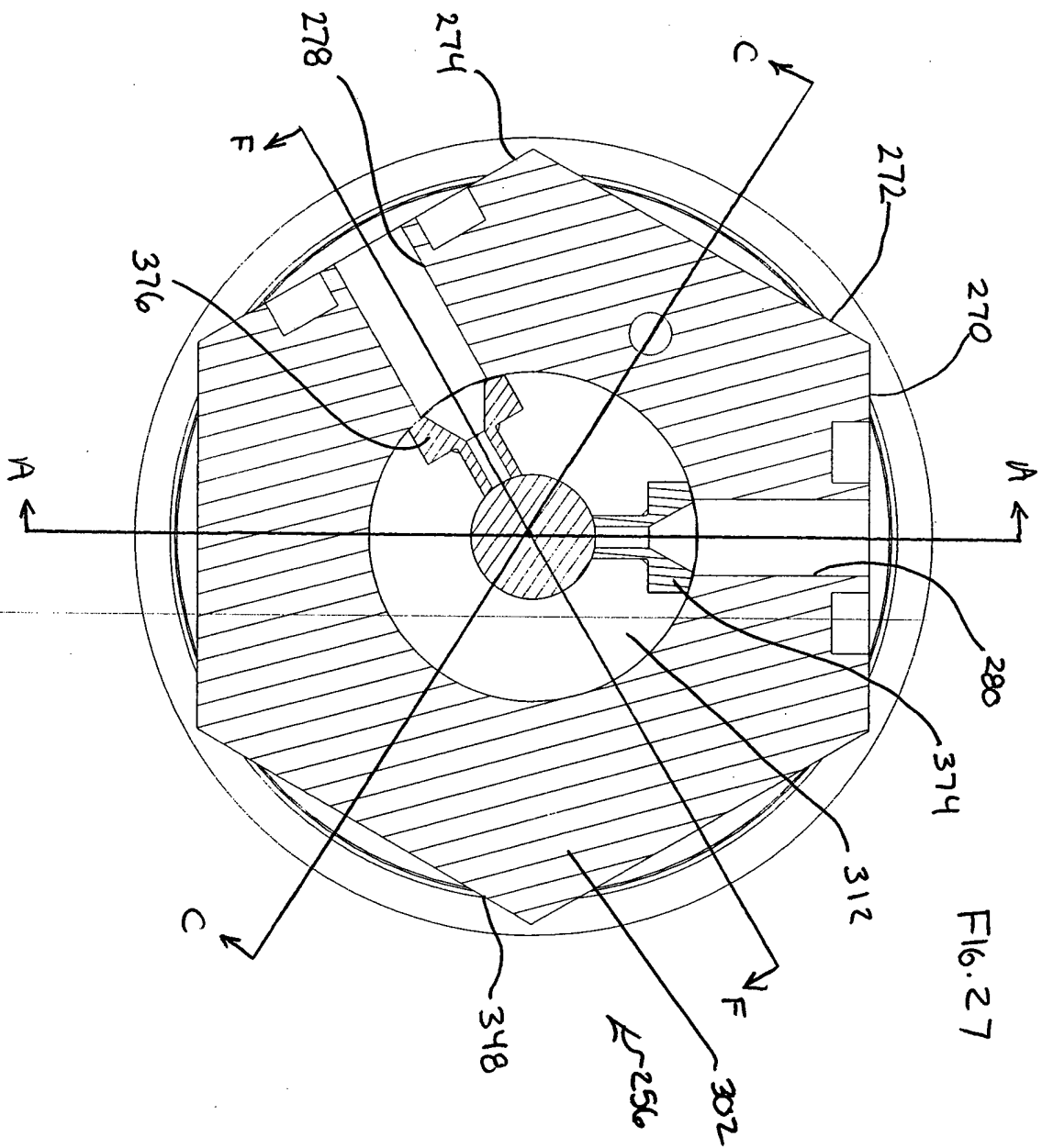
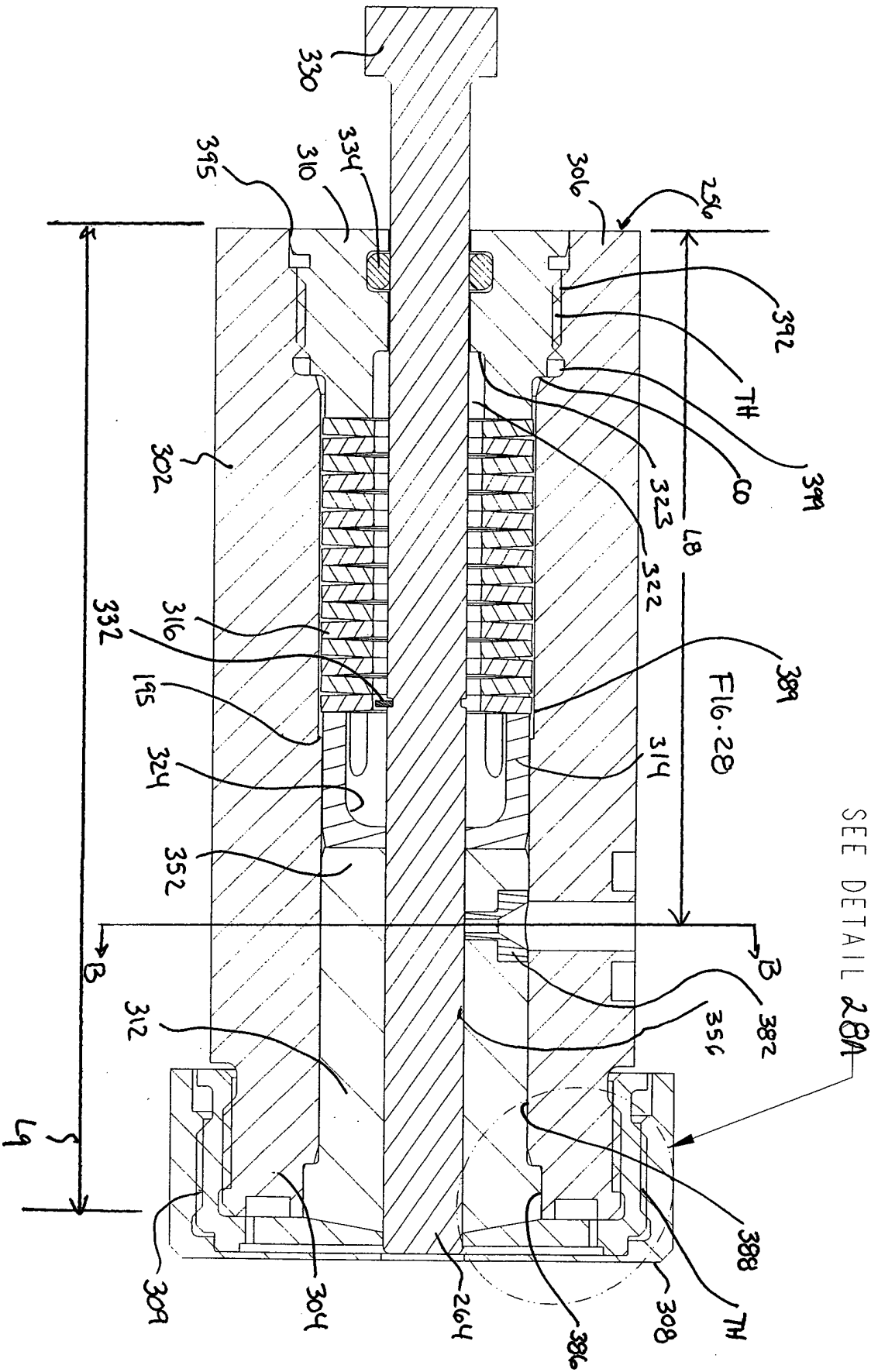


FIG. 26





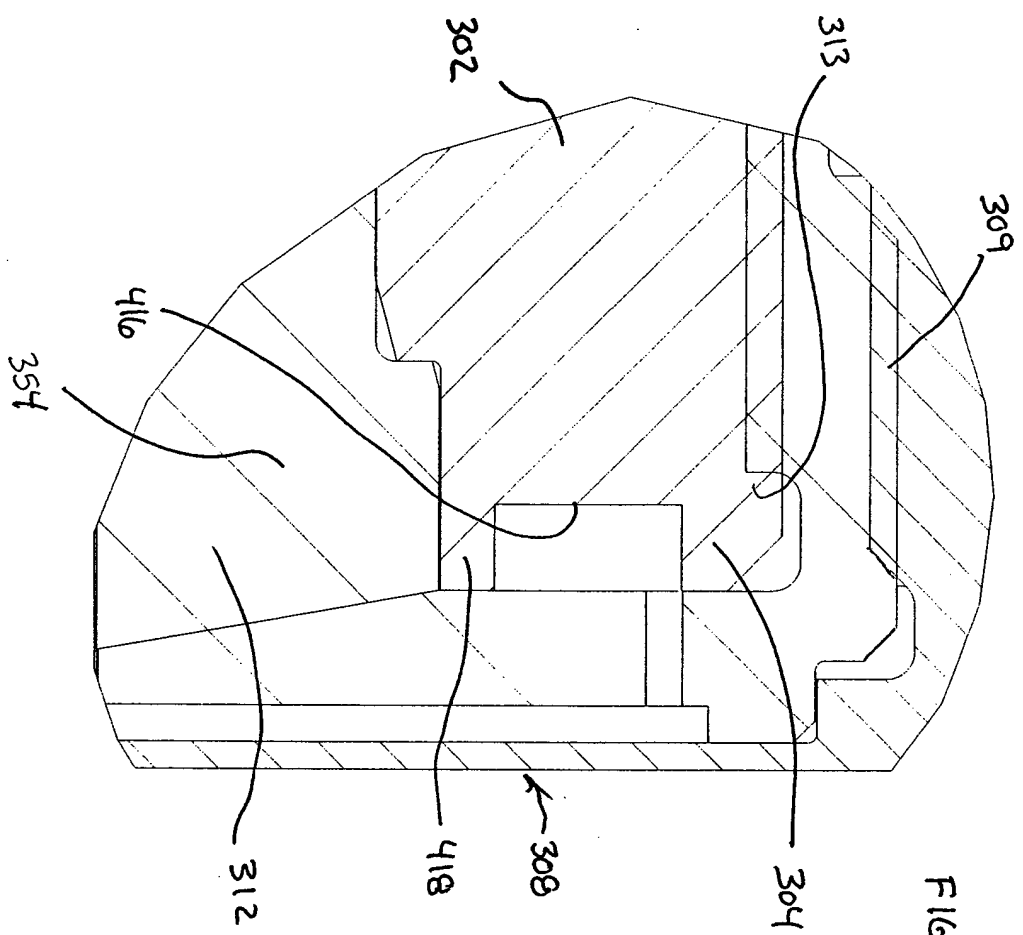
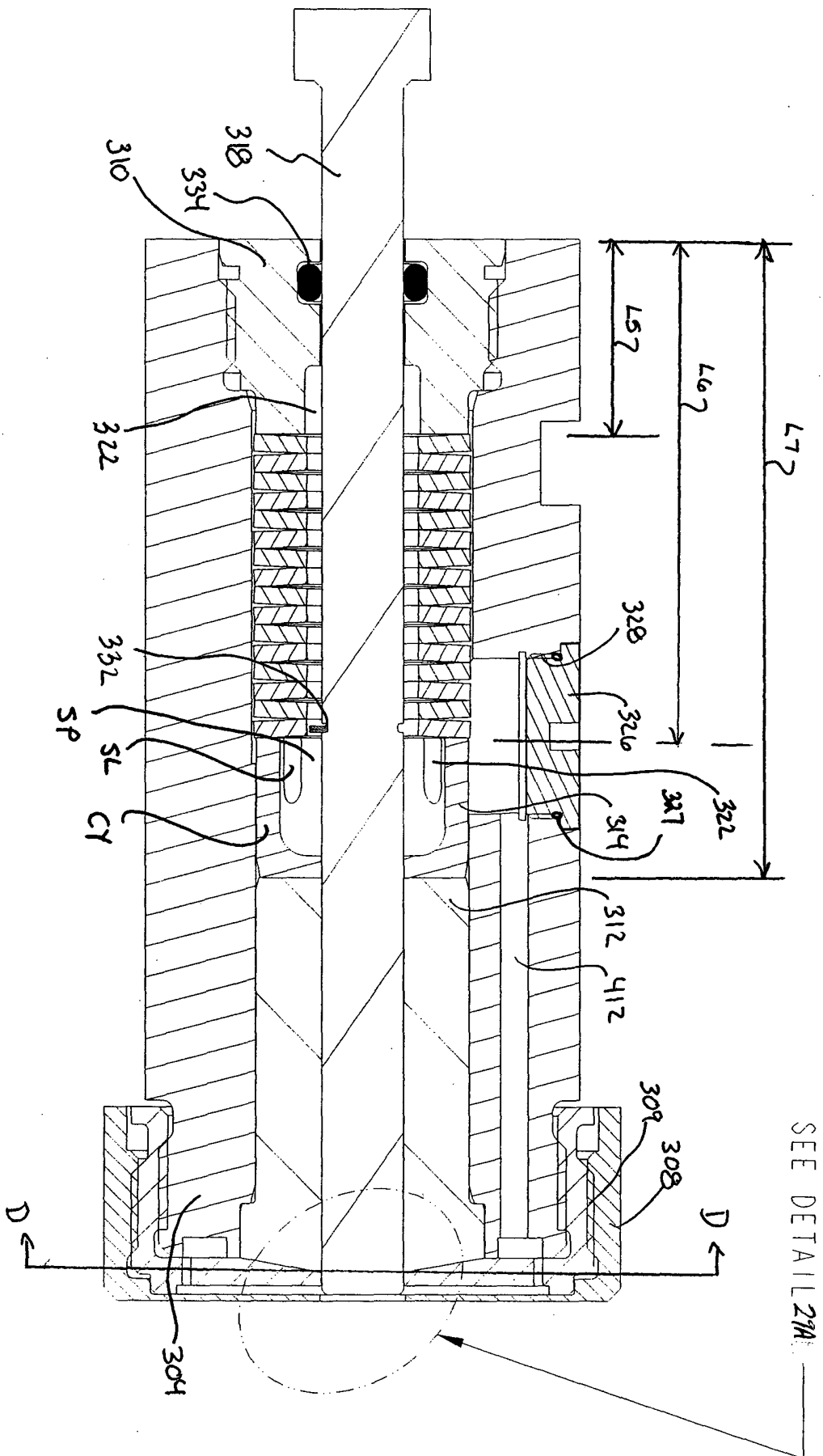
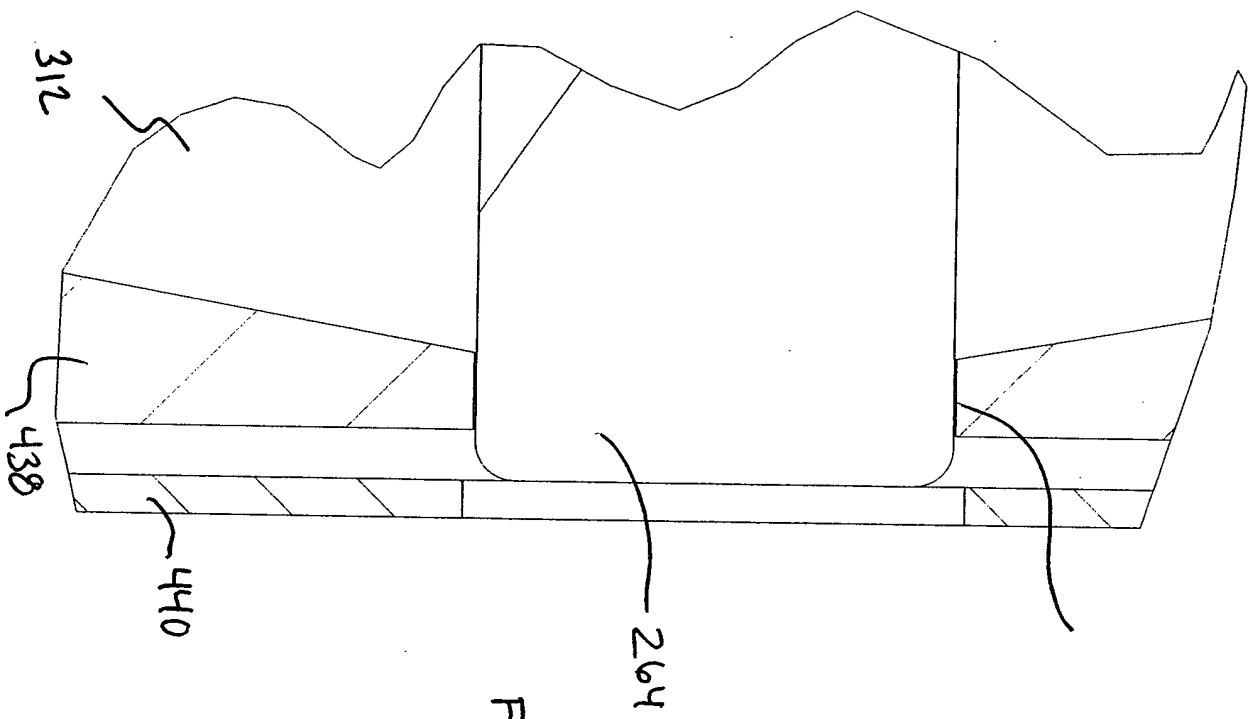


FIG. 28A



SEE DETAIL 21A

FIG. 29



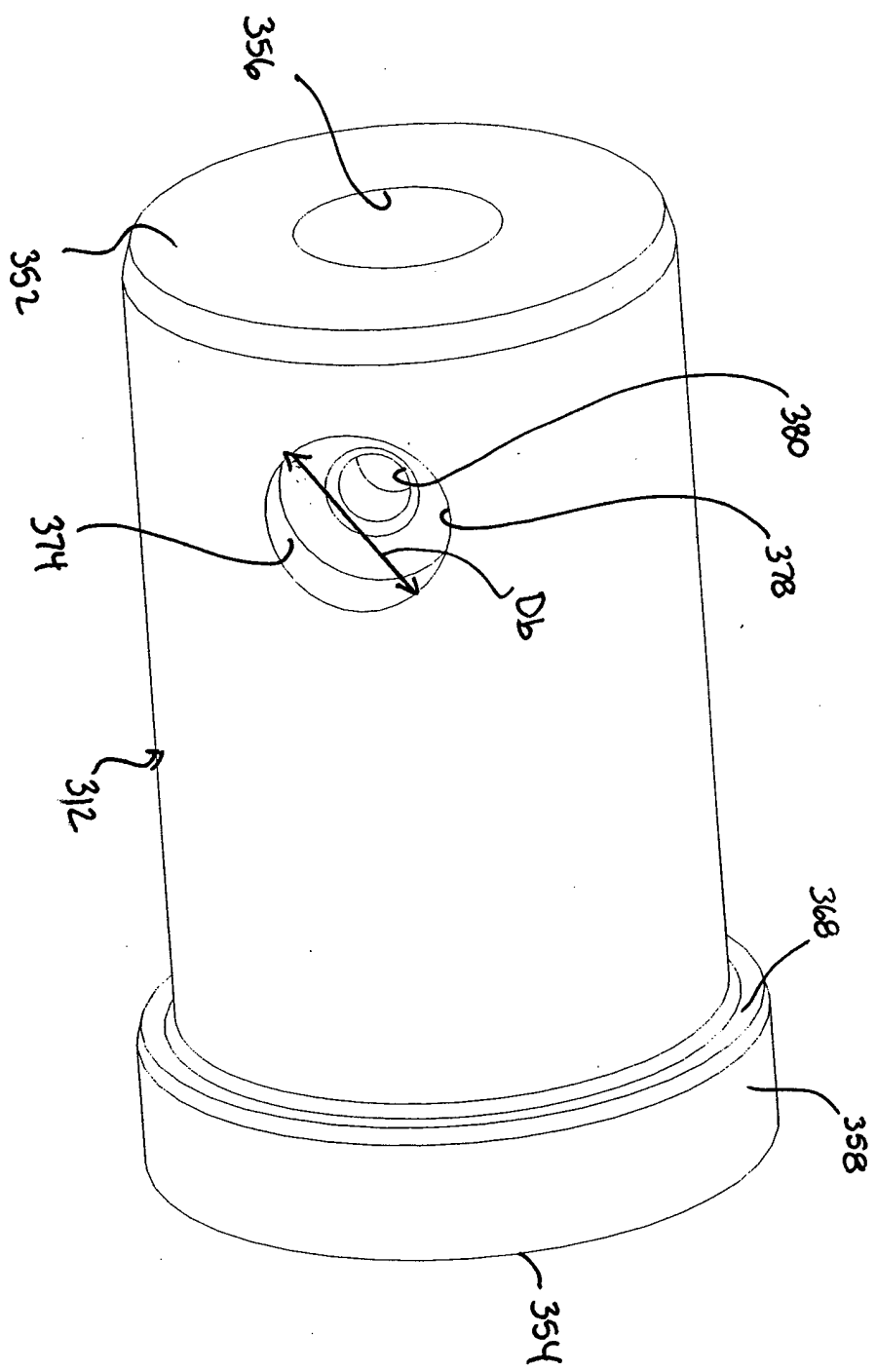
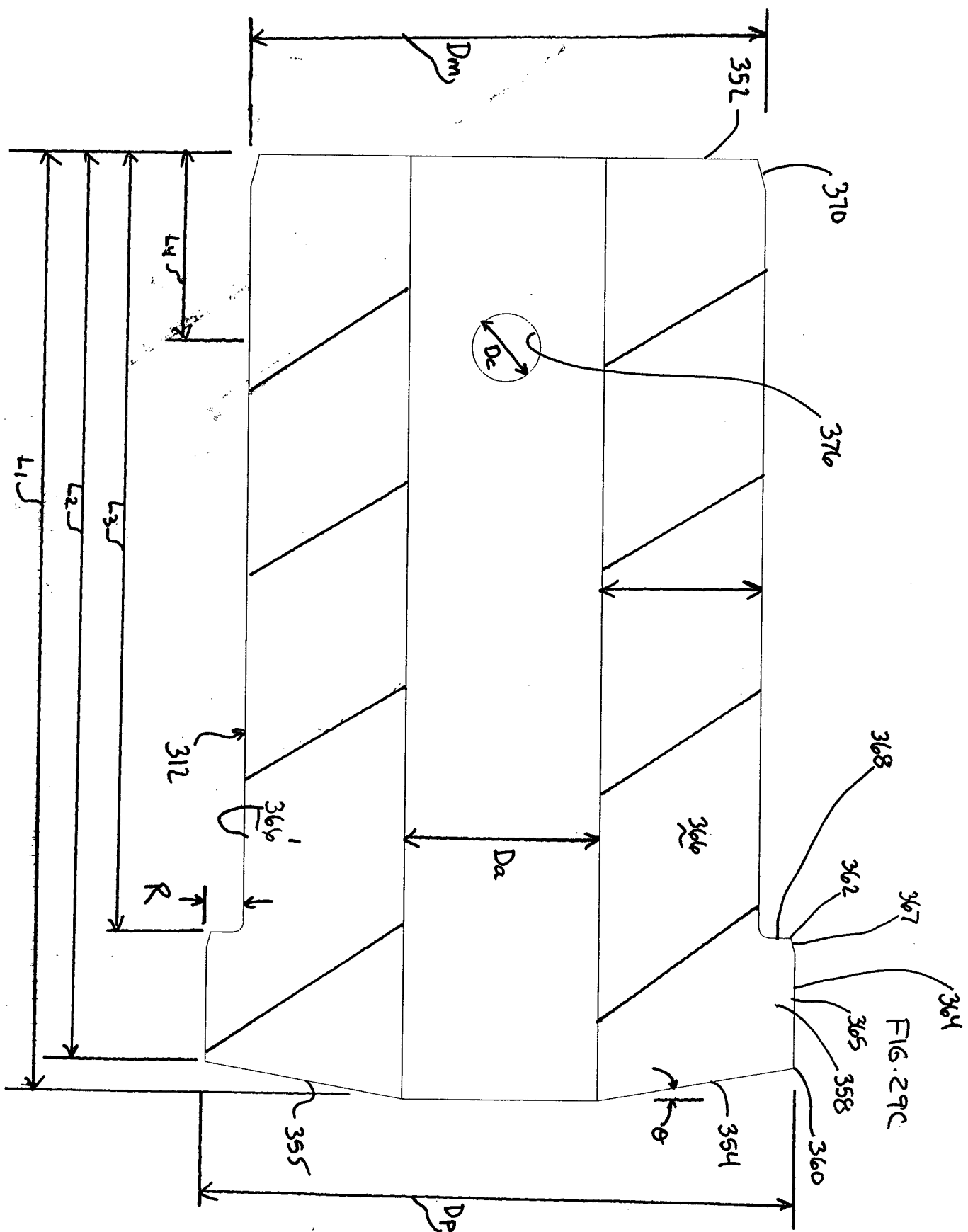


FIG. 29B



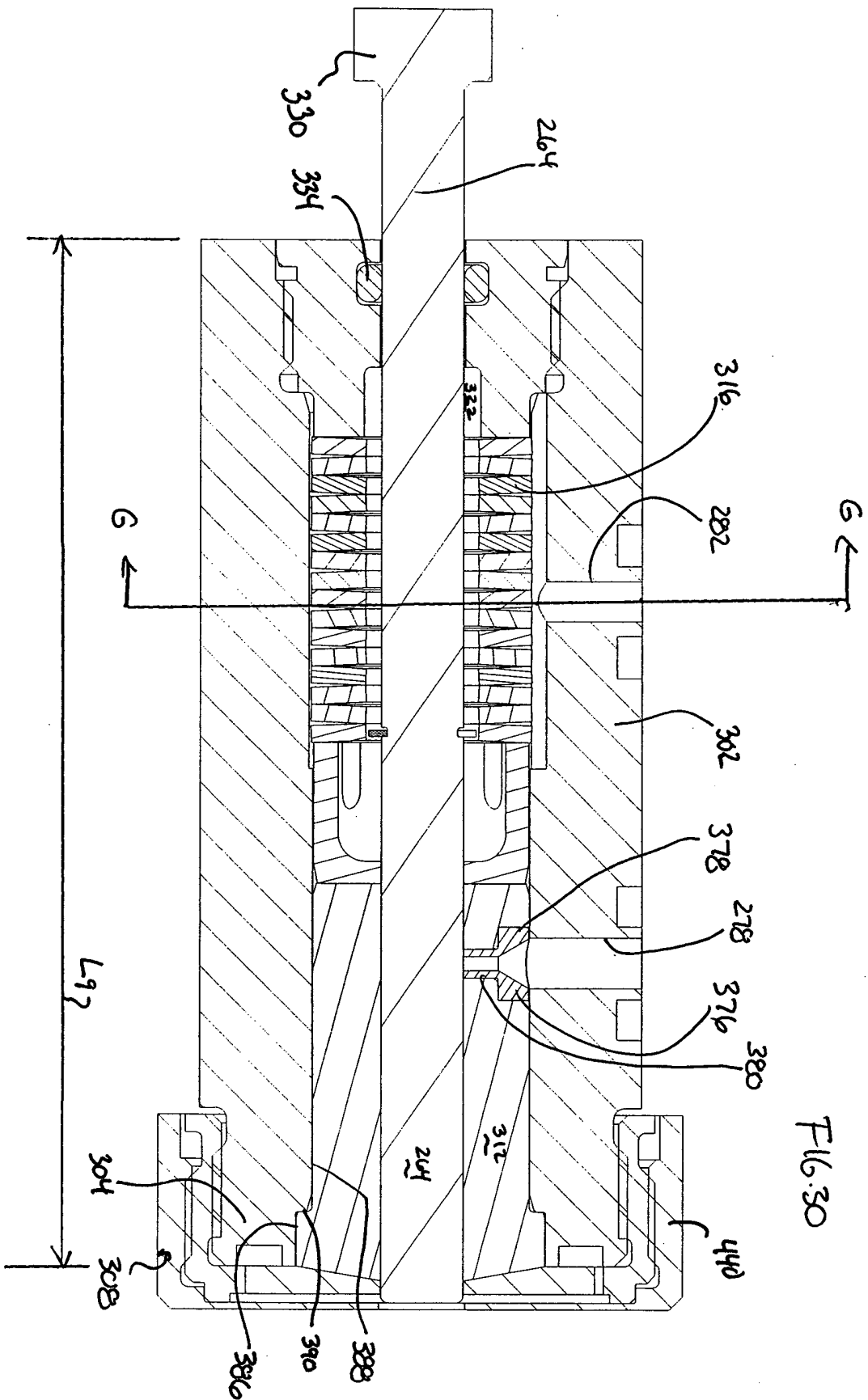
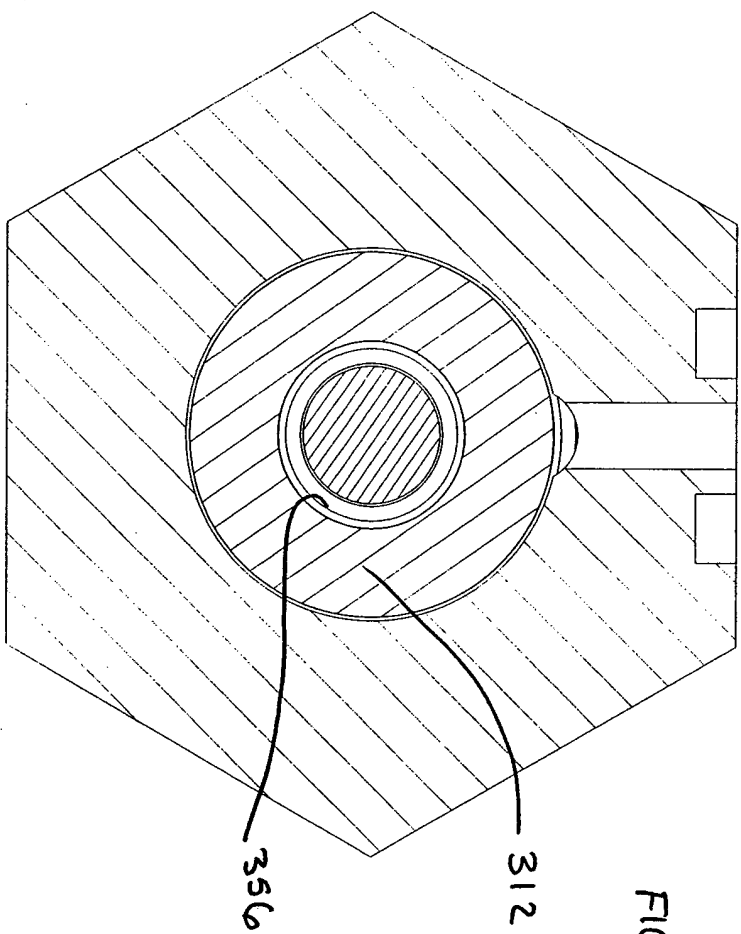


FIG. 30



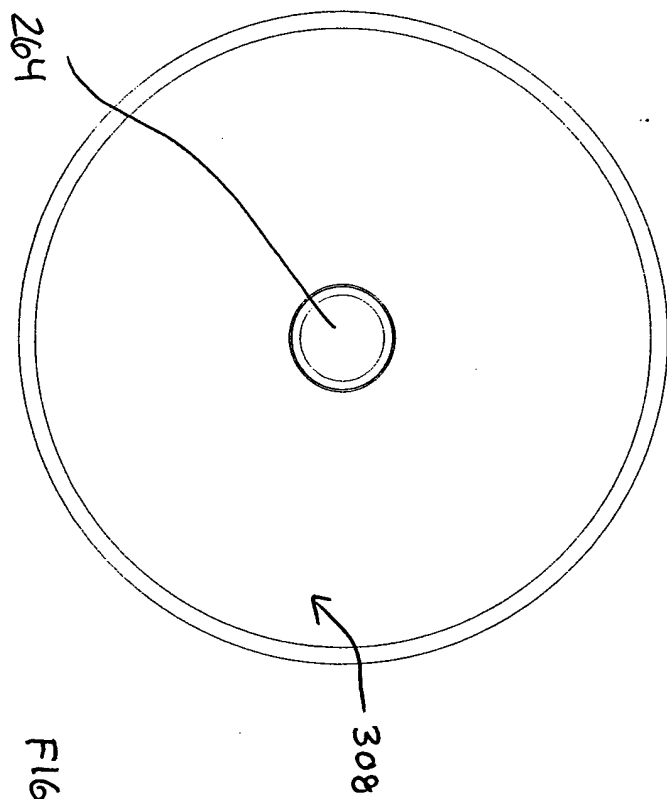


FIG. 32

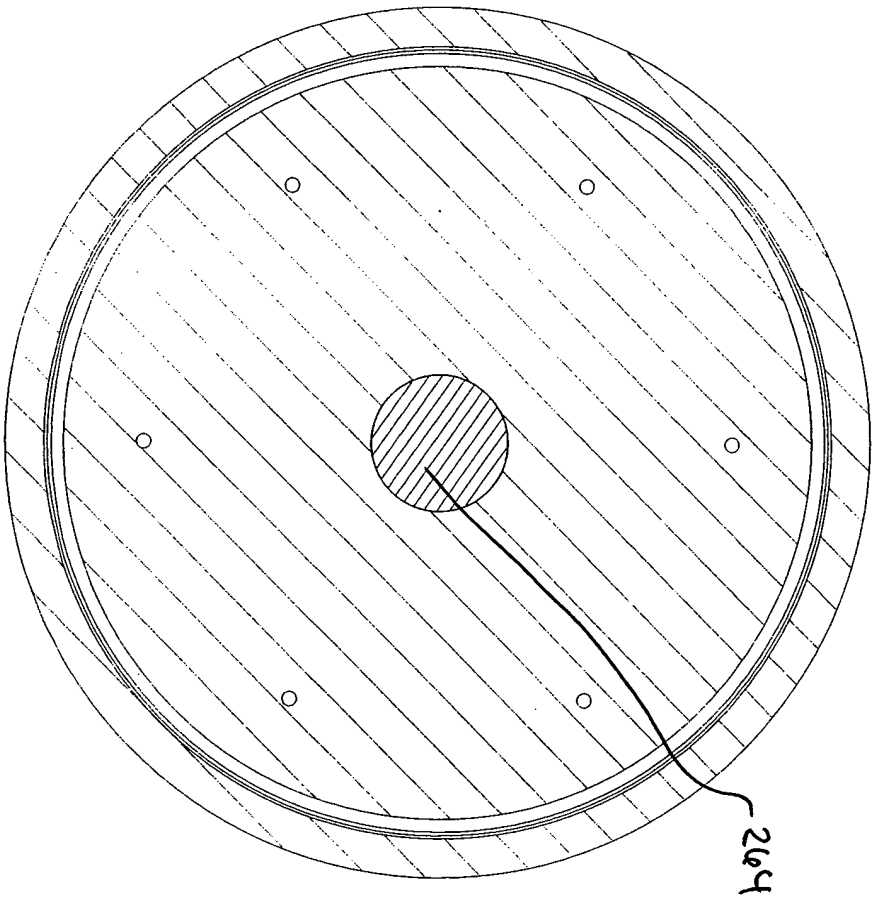
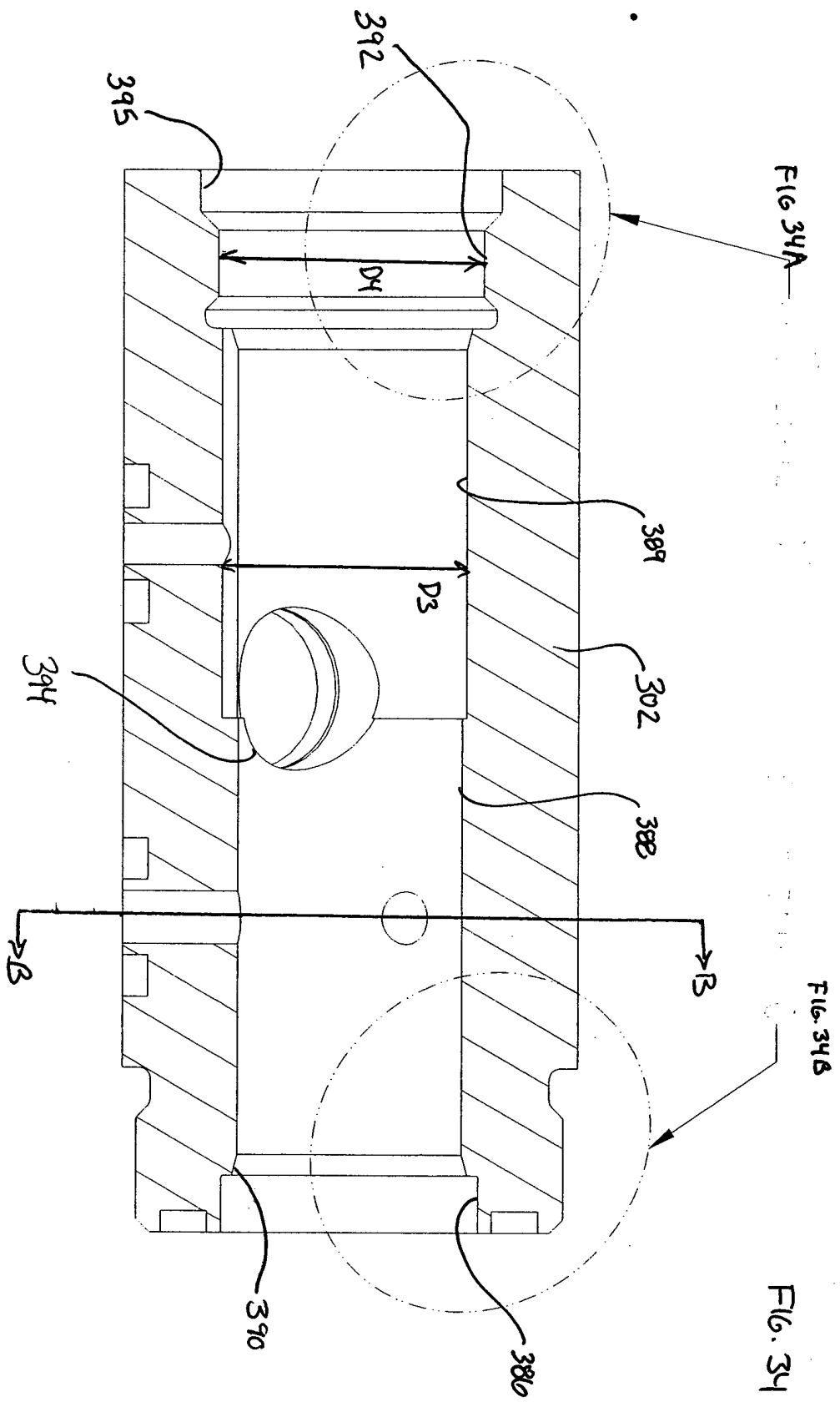


FIG. 33



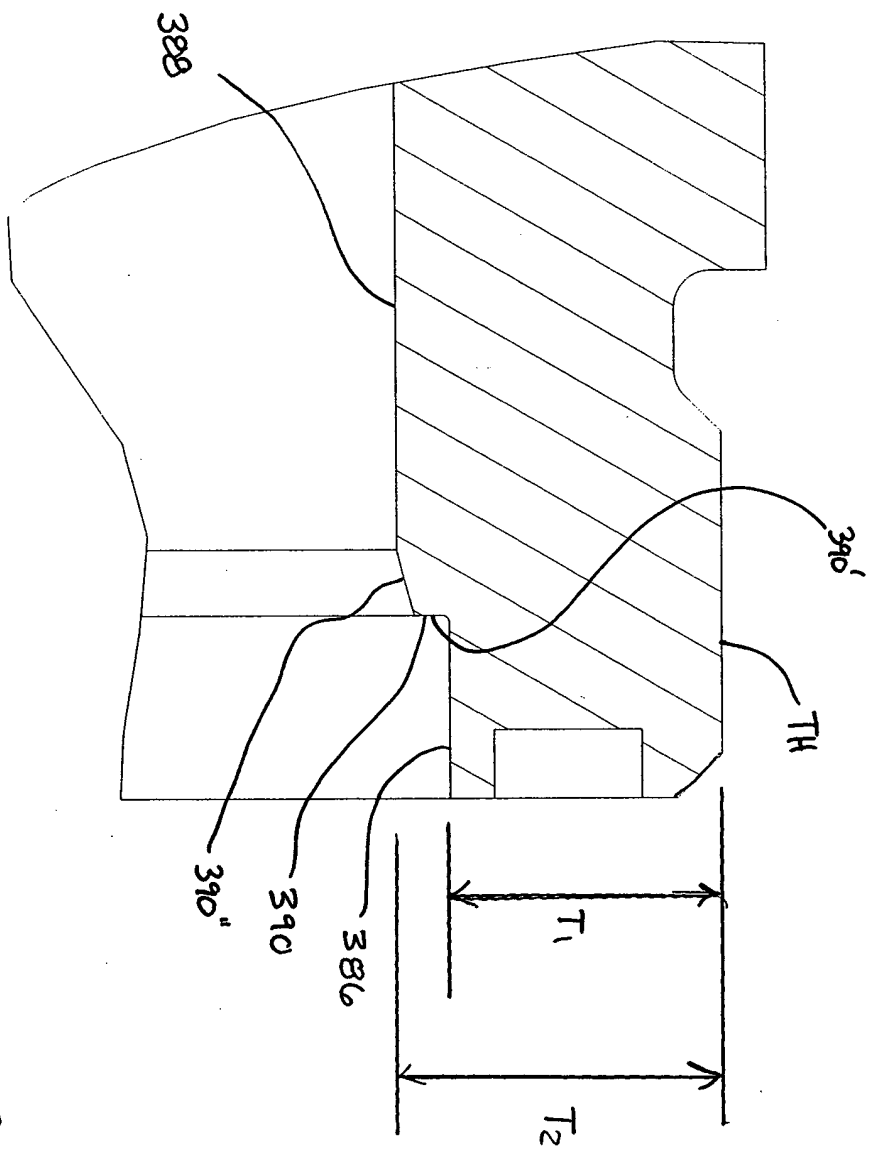


FIG. 343

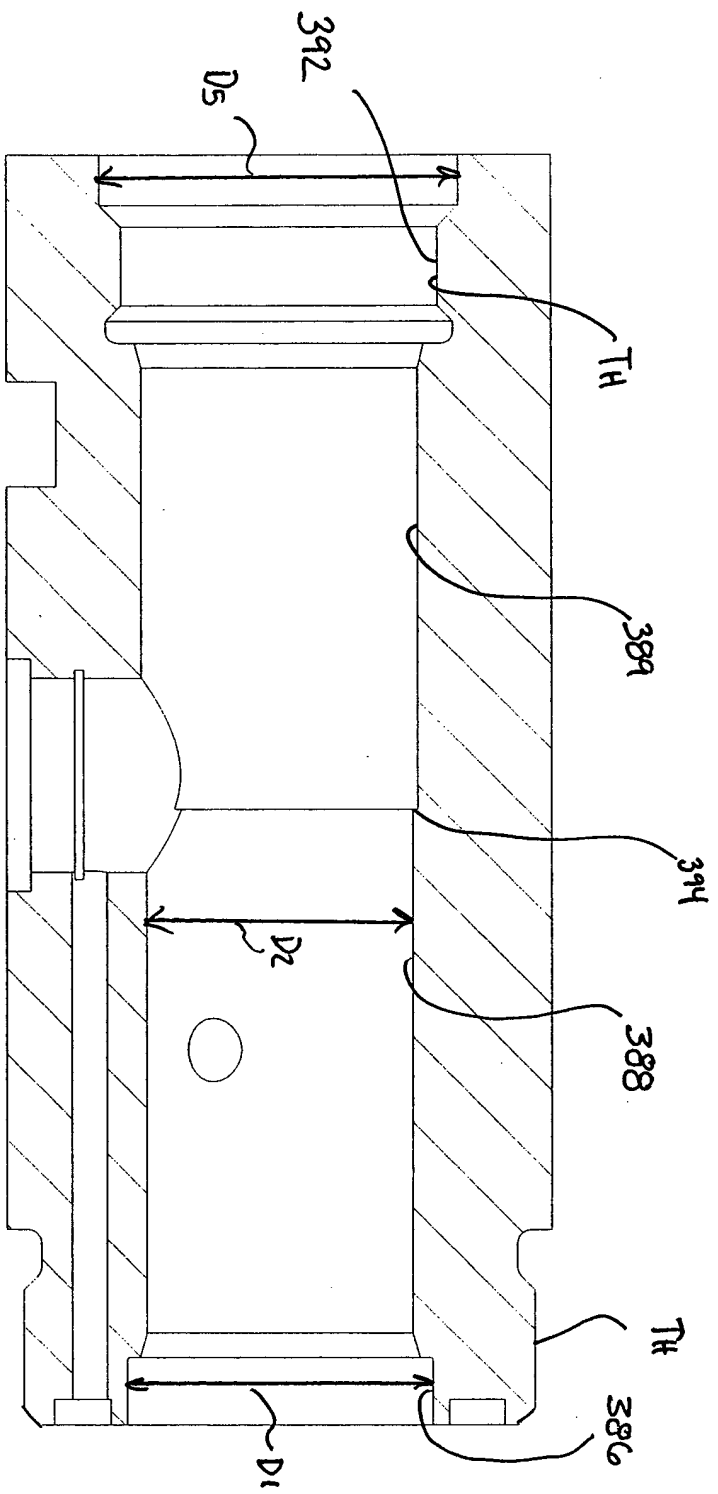
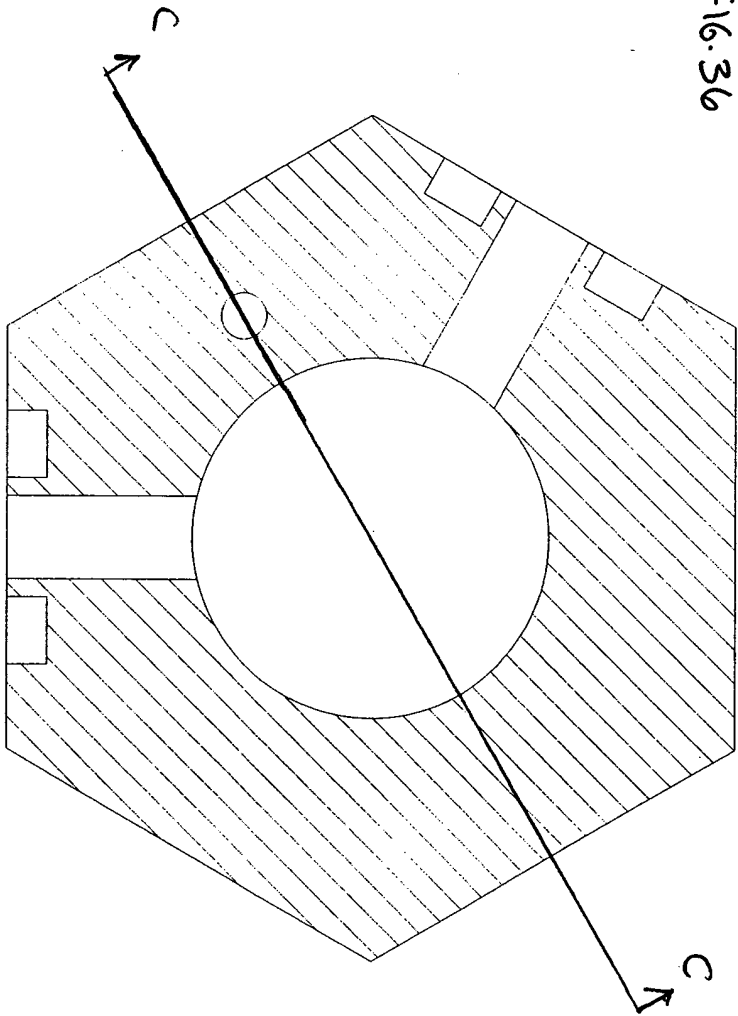


FIG. 35

FIG. 36



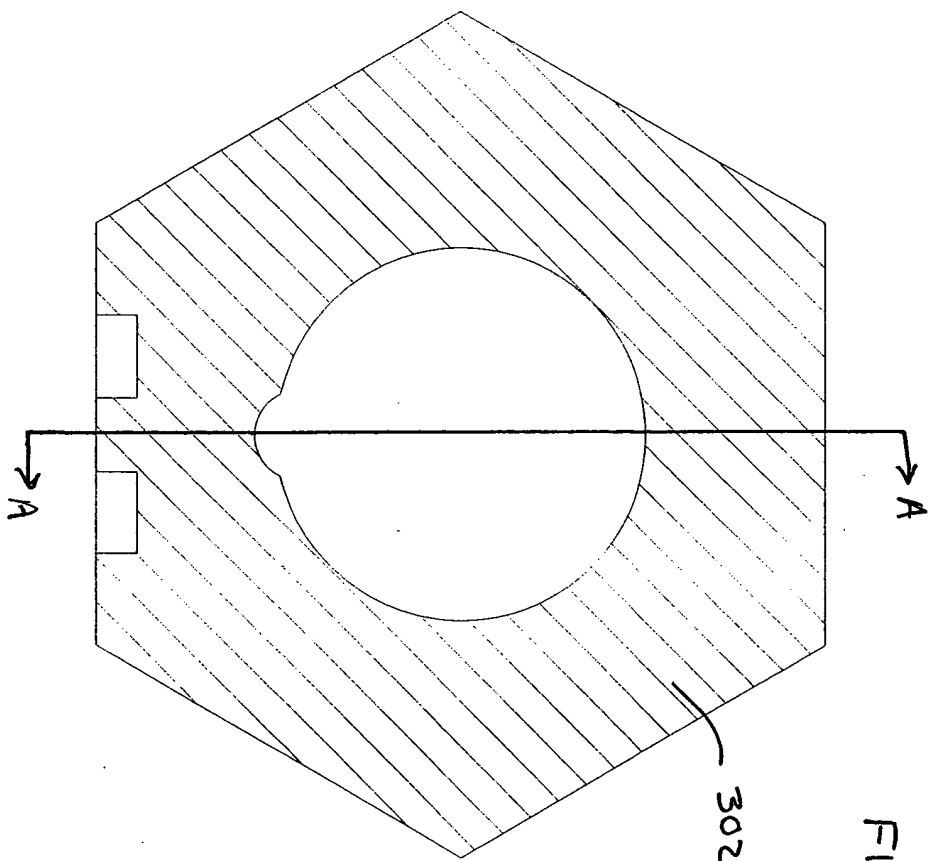


FIG. 37

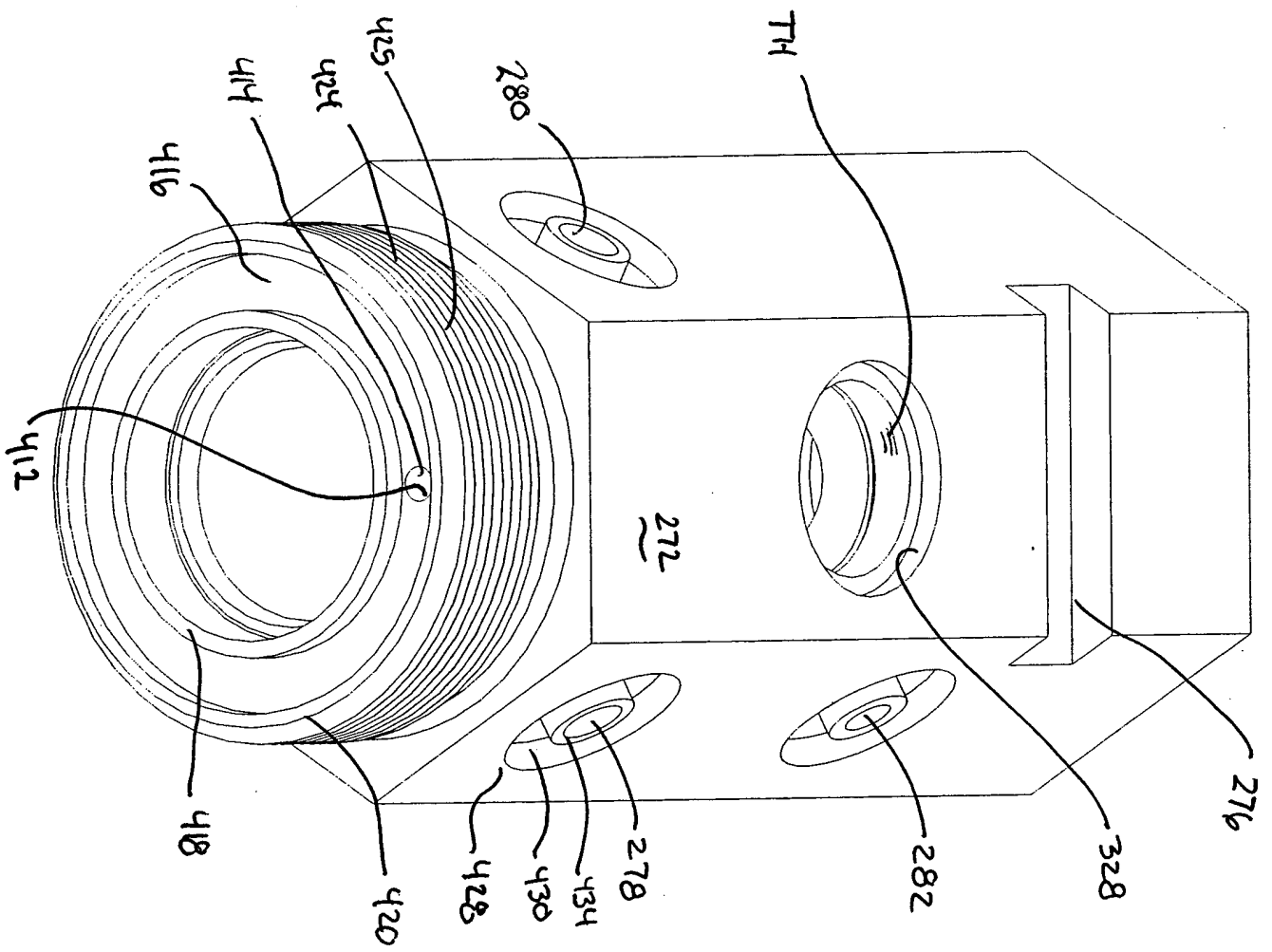
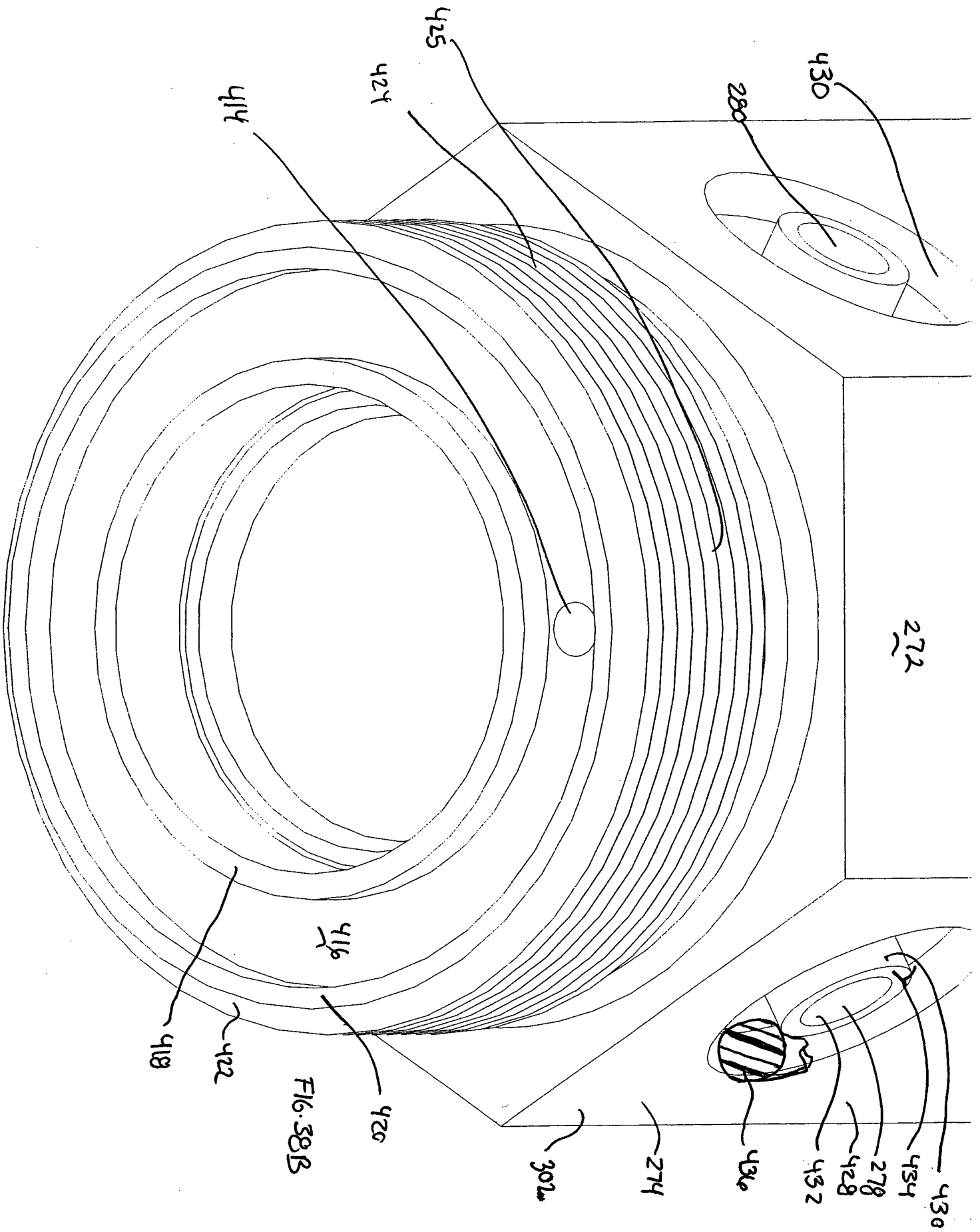
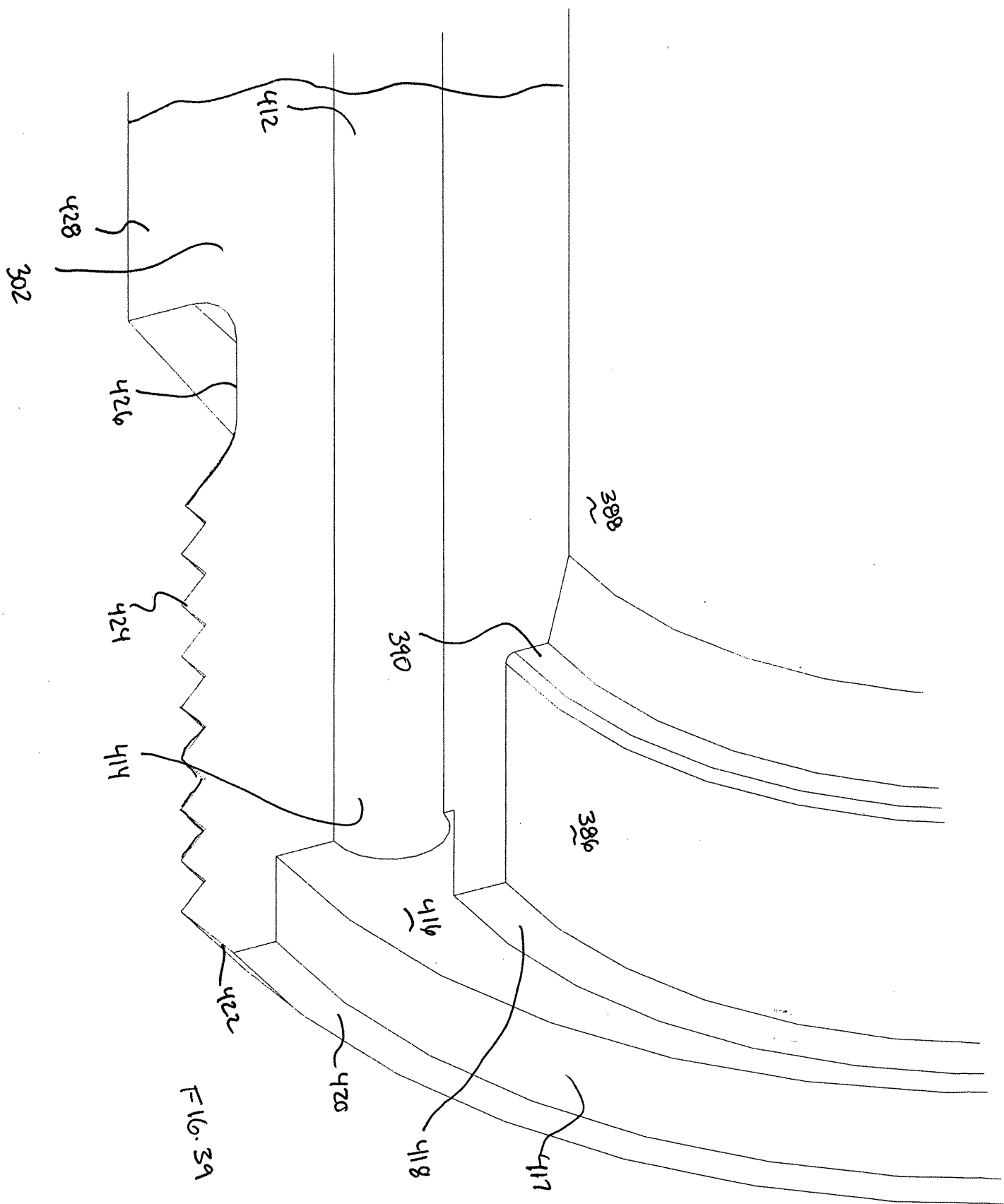


FIG. 39A





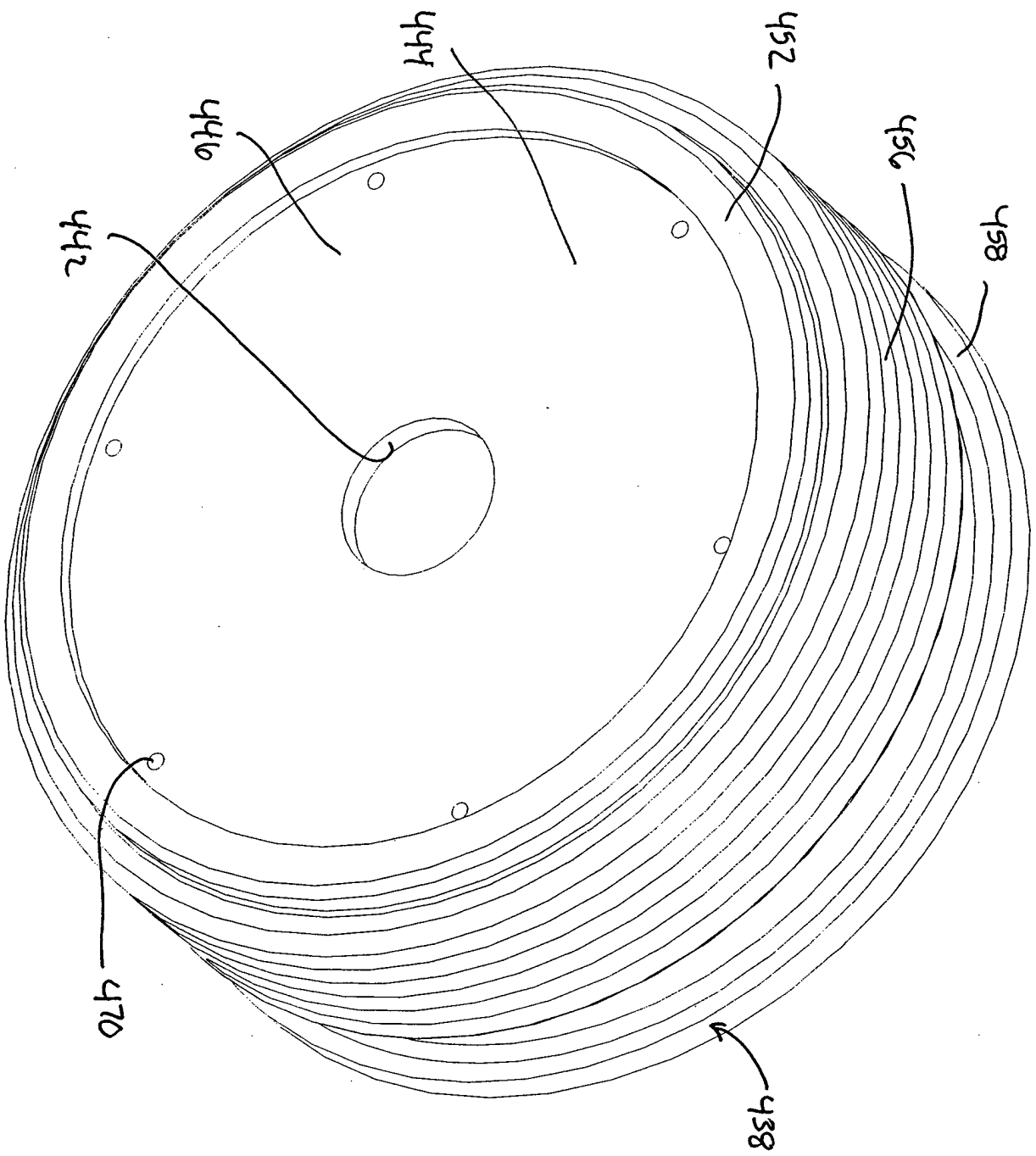


FIG. 40

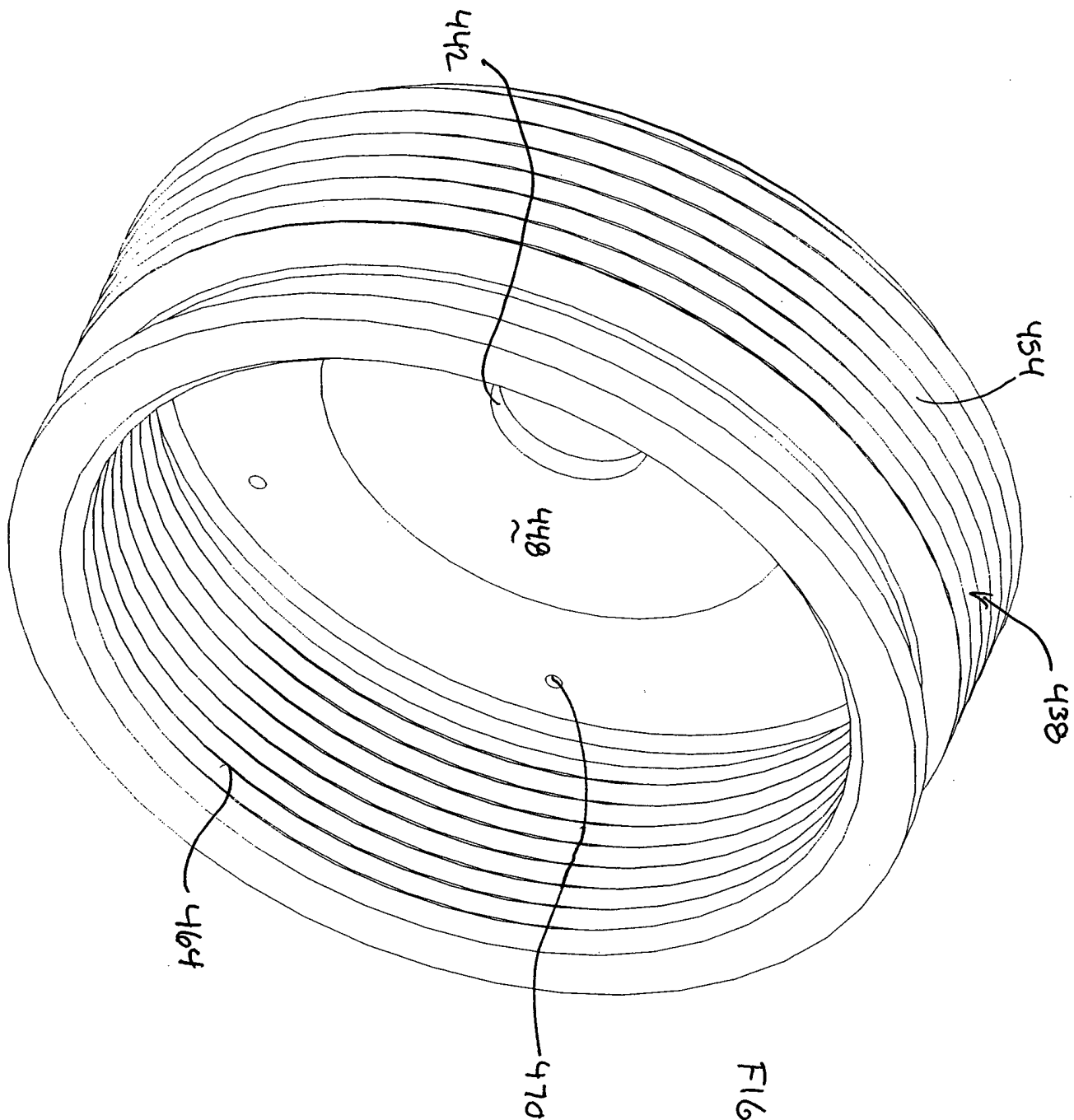
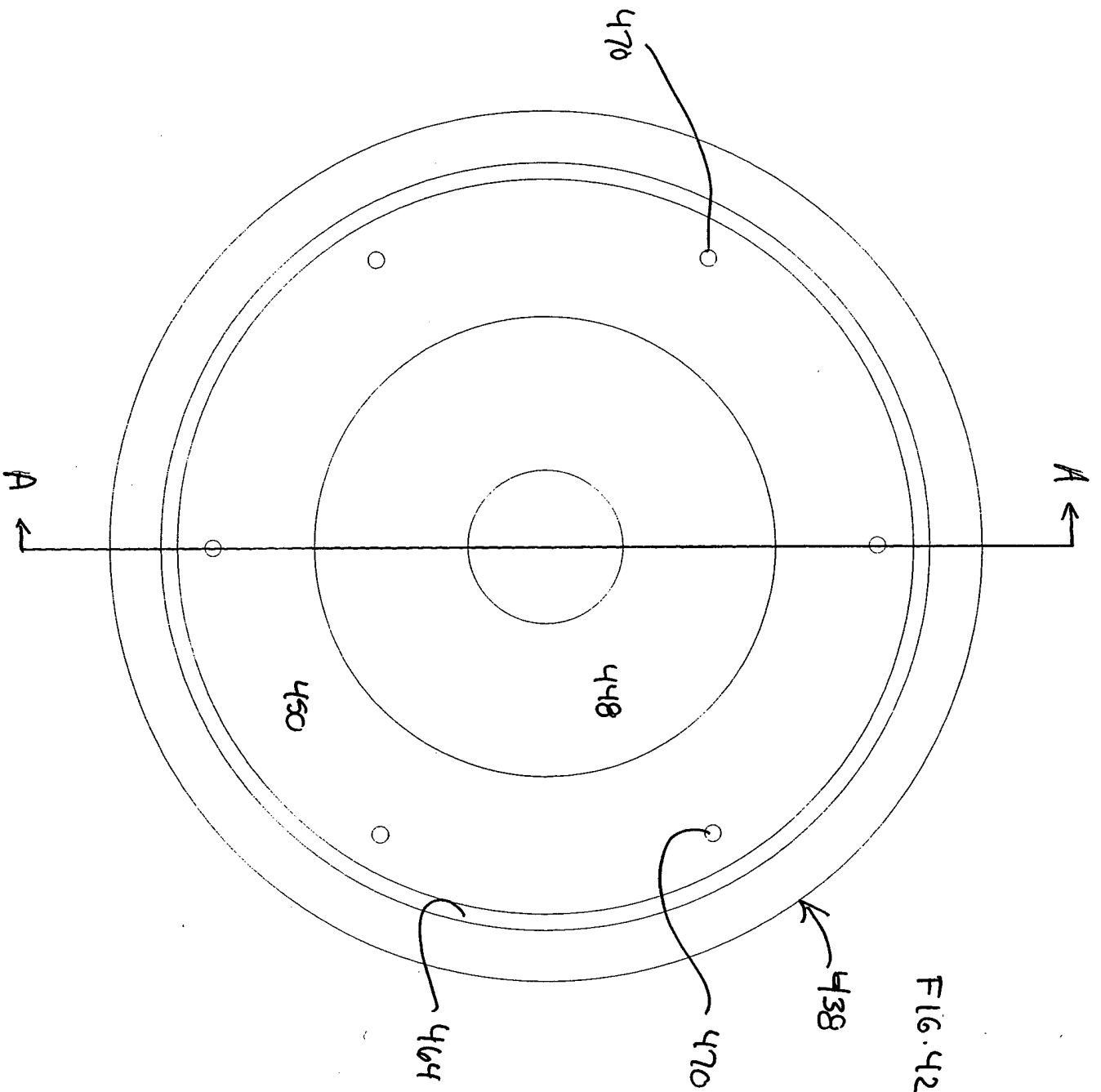


FIG. 41



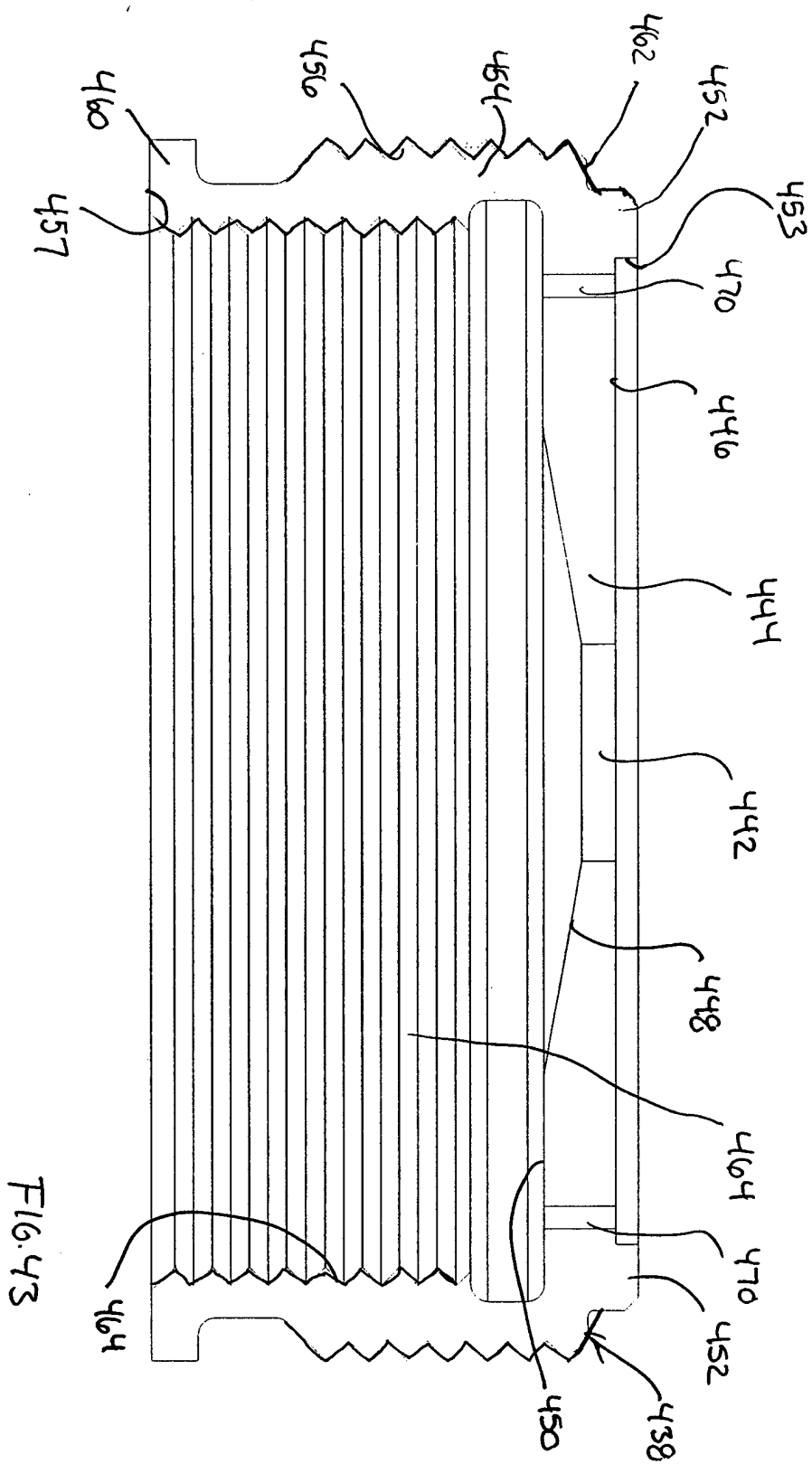


FIG. 43

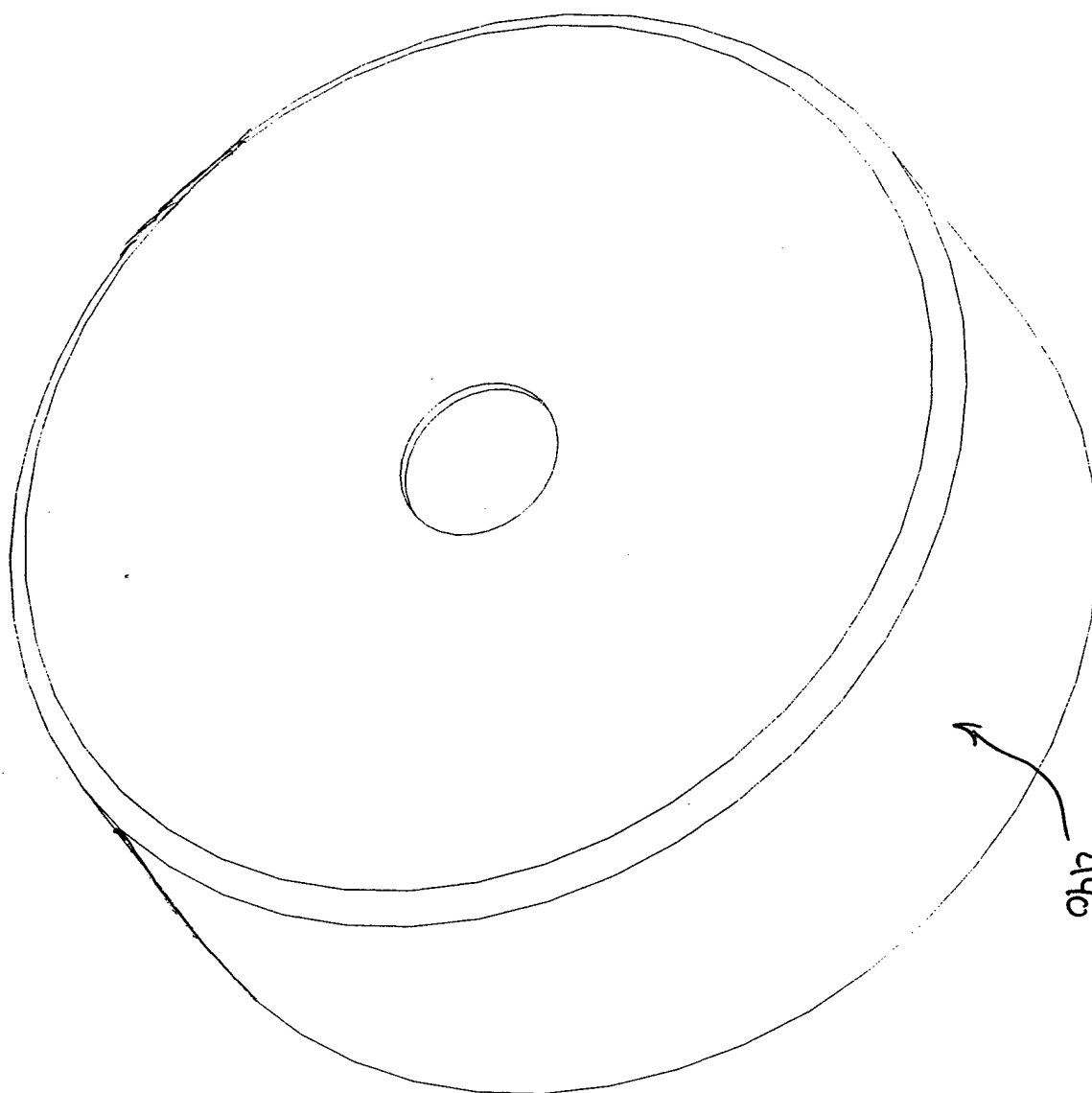


FIG. 44

440

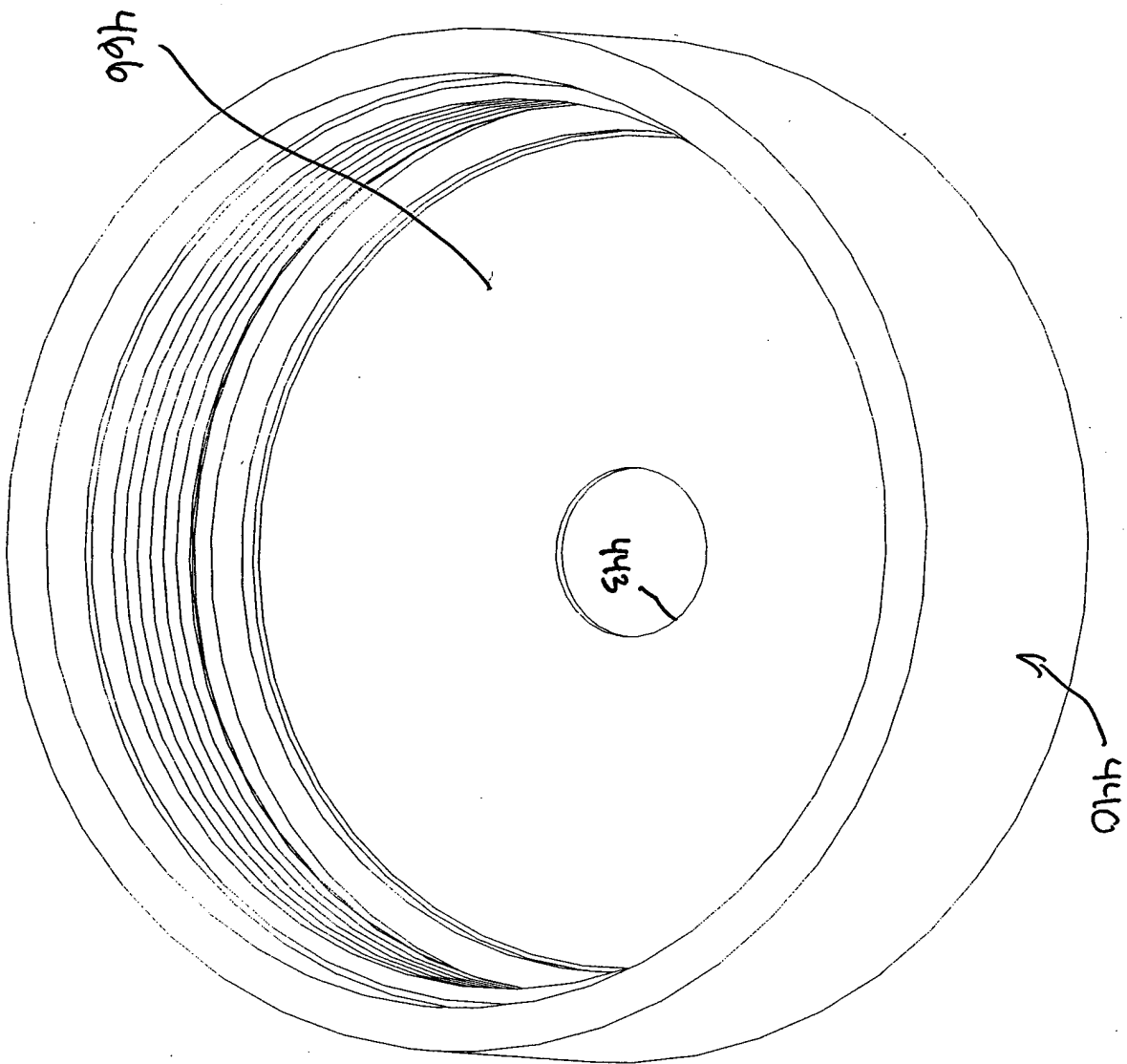


FIG. 45

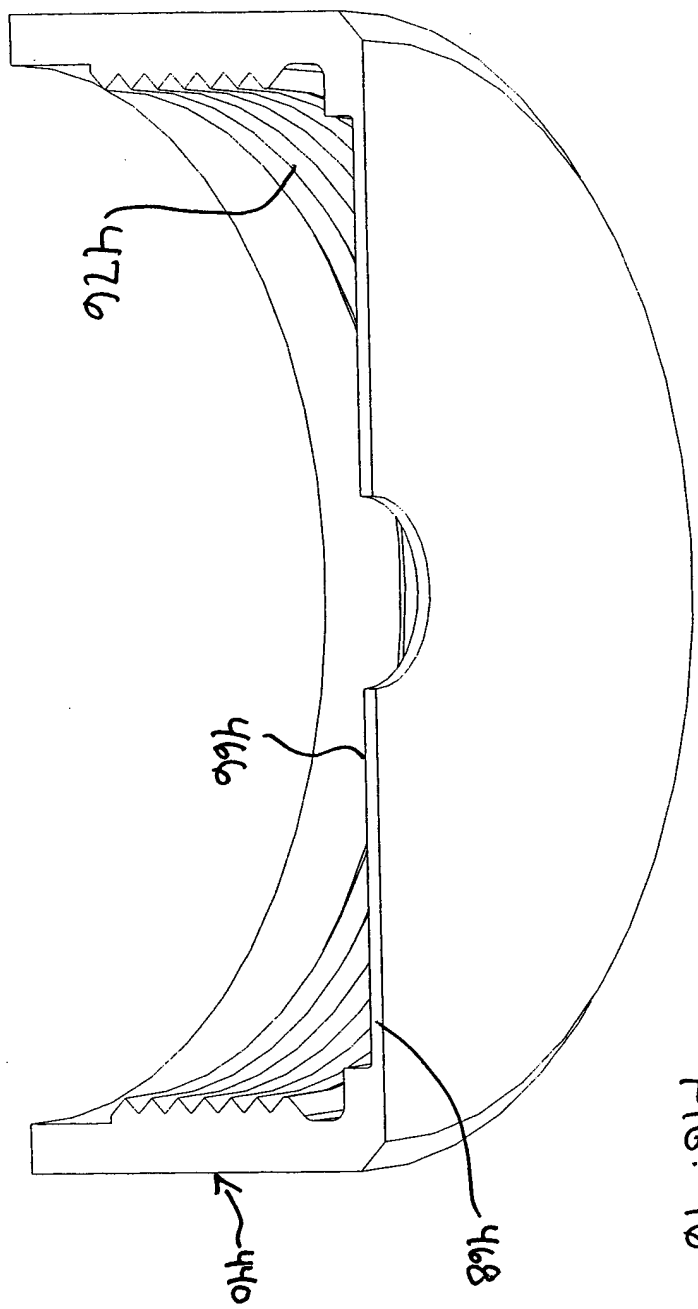


FIG. 46

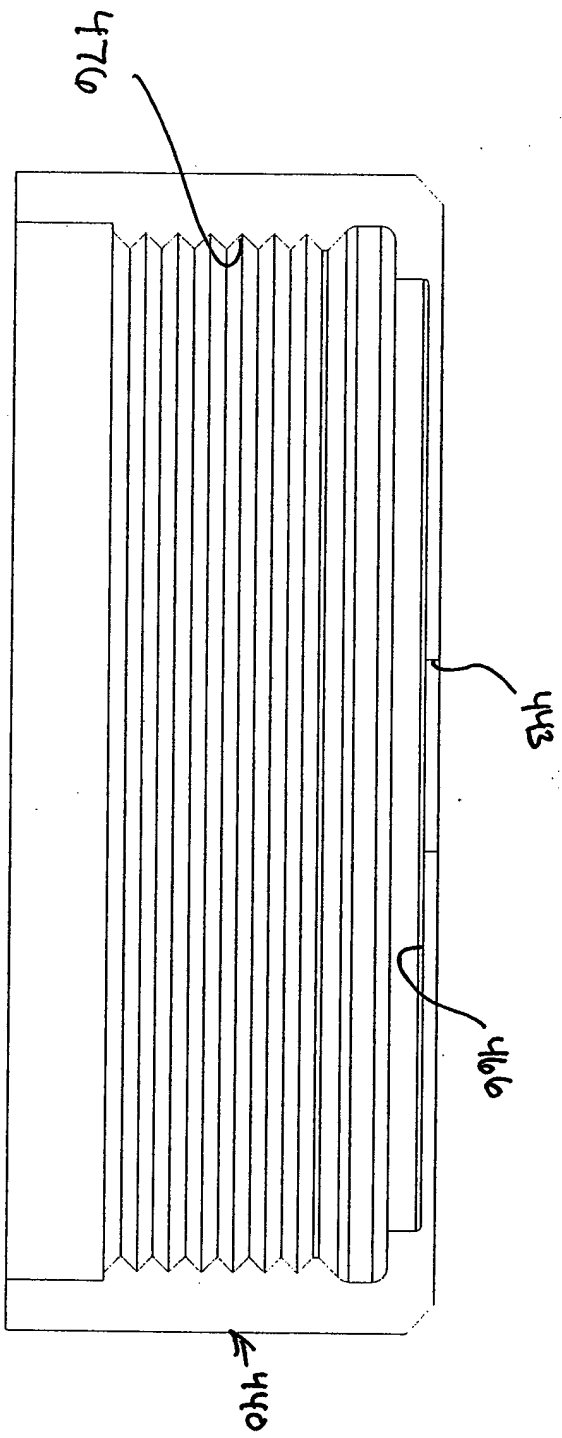


FIG. 47

264

3/6/6

39

362

364

刀

895-

354

438

476

440

424

420

8

257

153

16

7

10

44

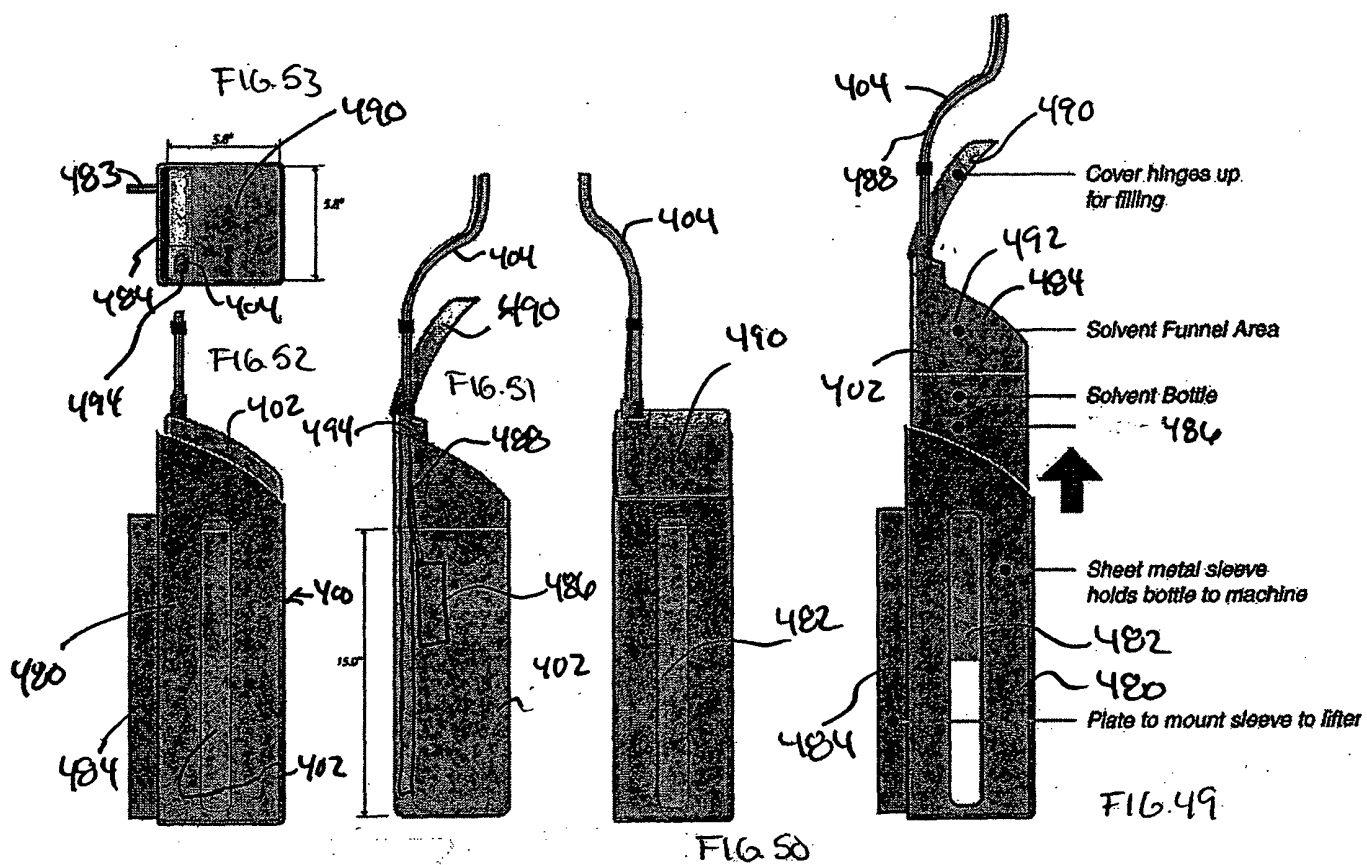
87

•

1

312

355



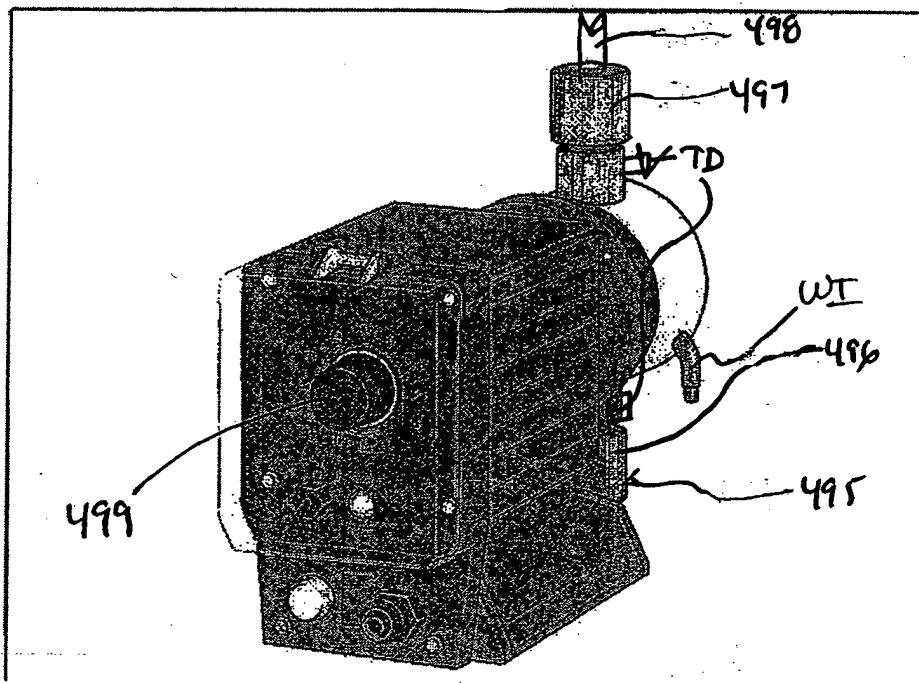


FIG. 54

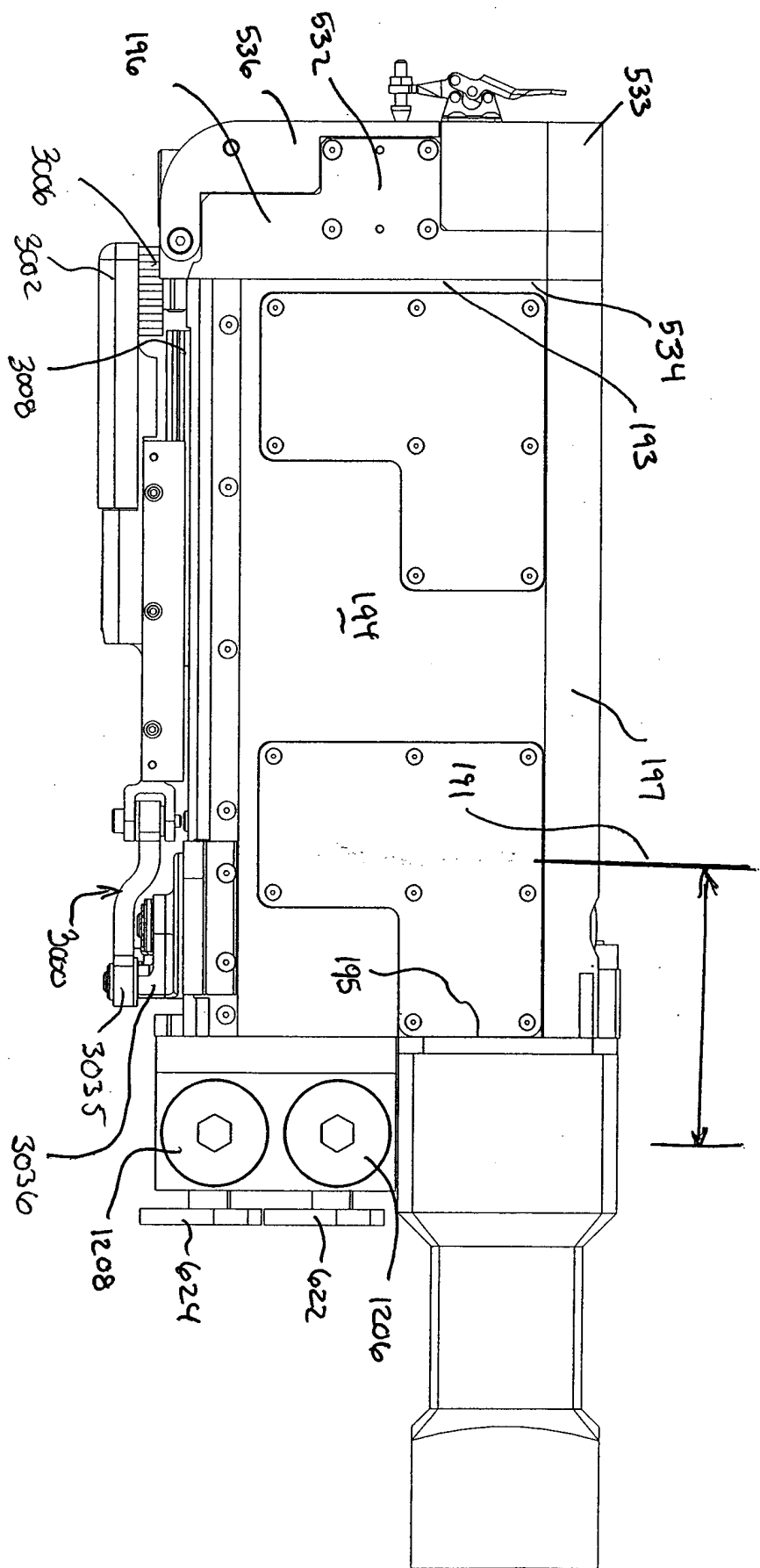


FIG. 55

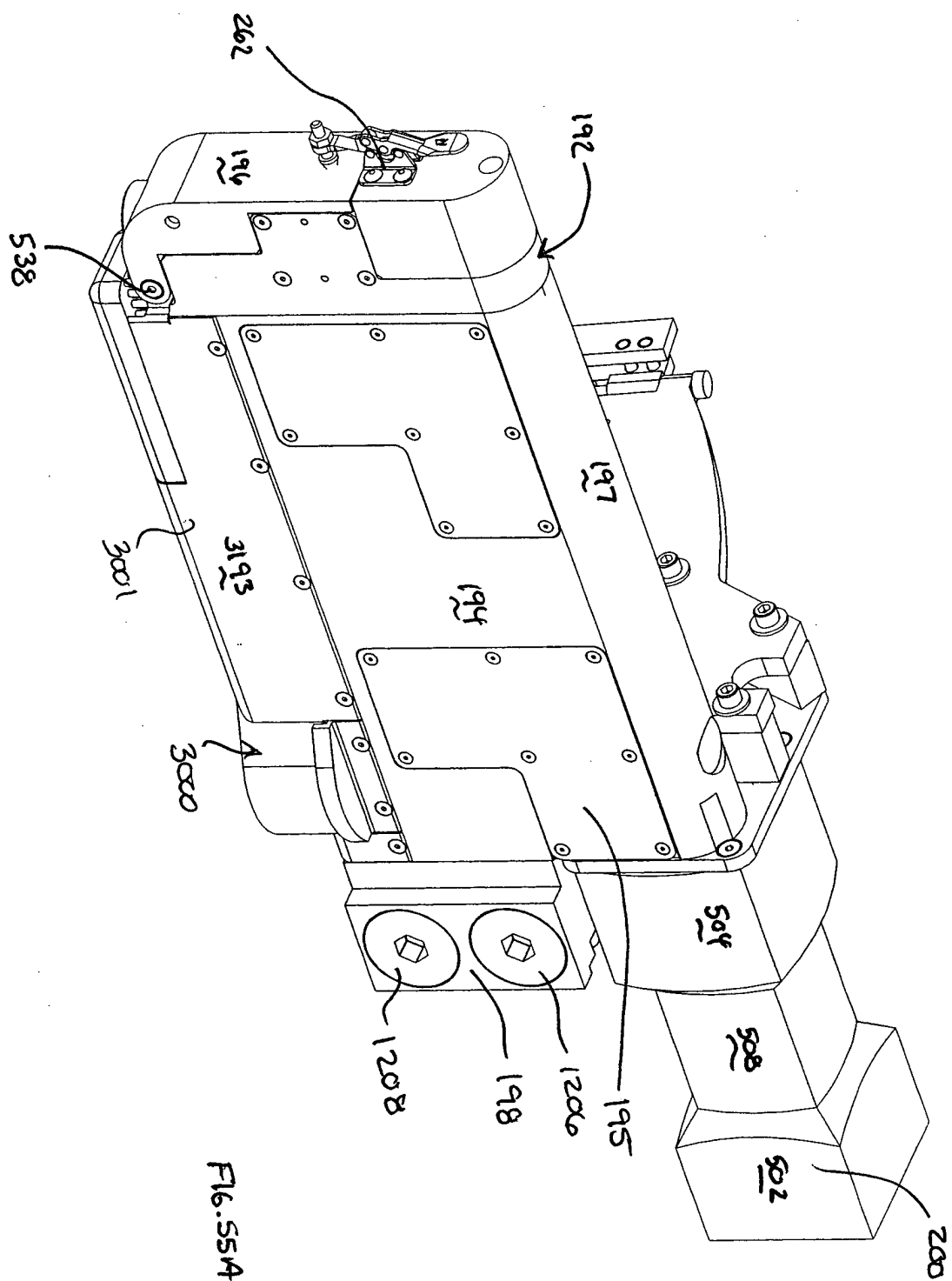


FIG. 554

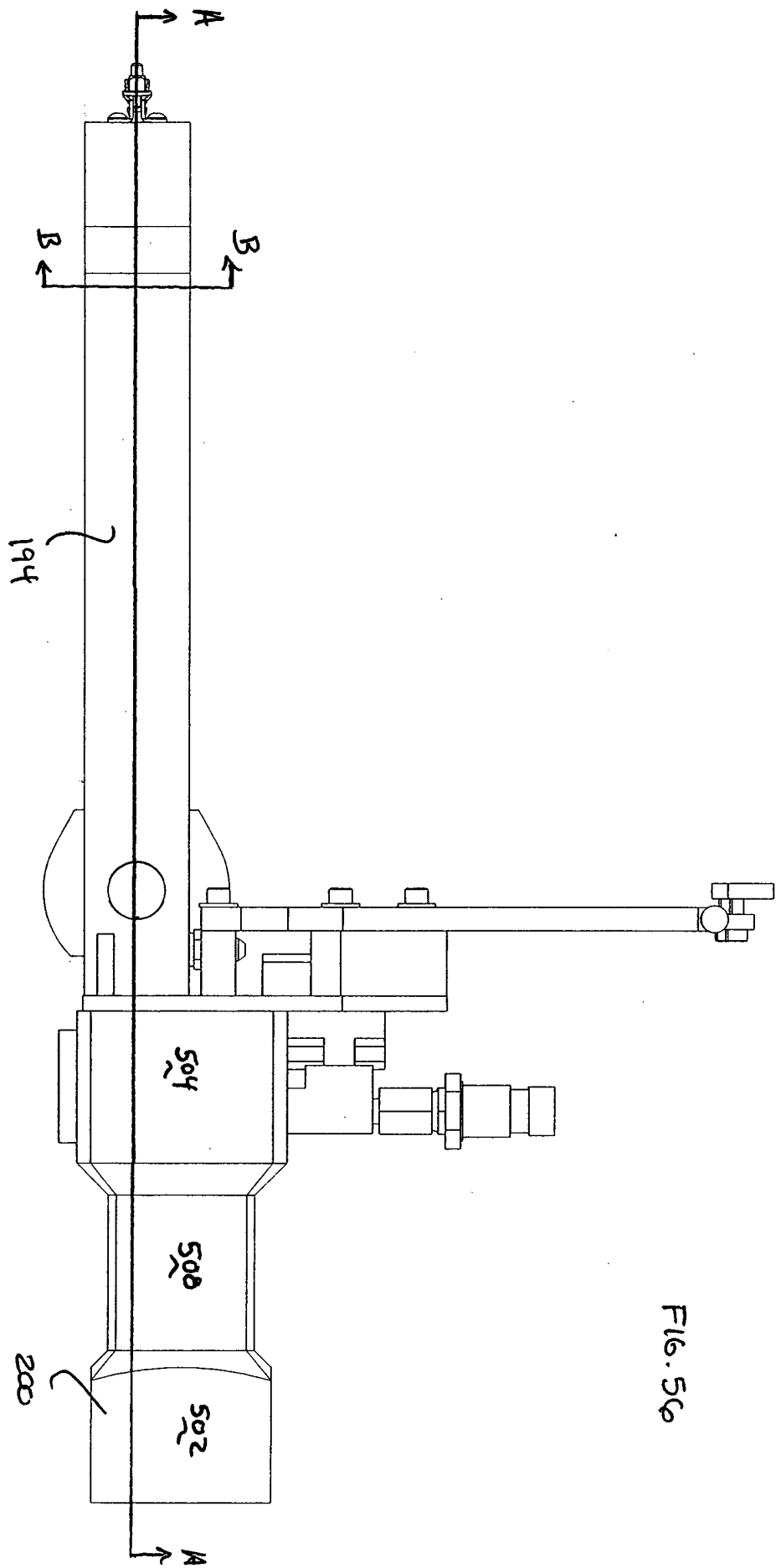


Fig. 54

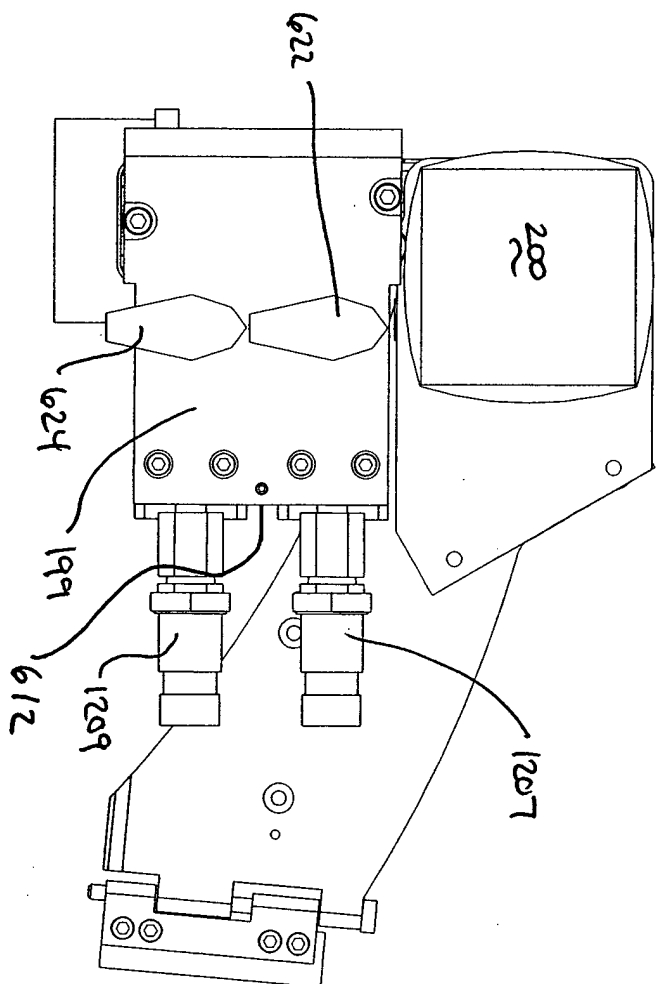


FIG. 57

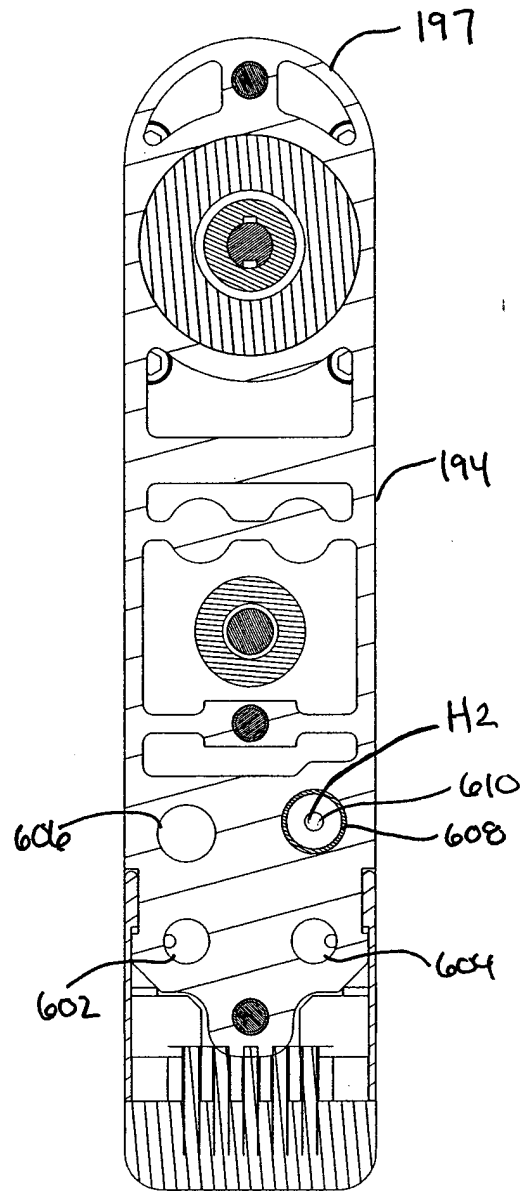
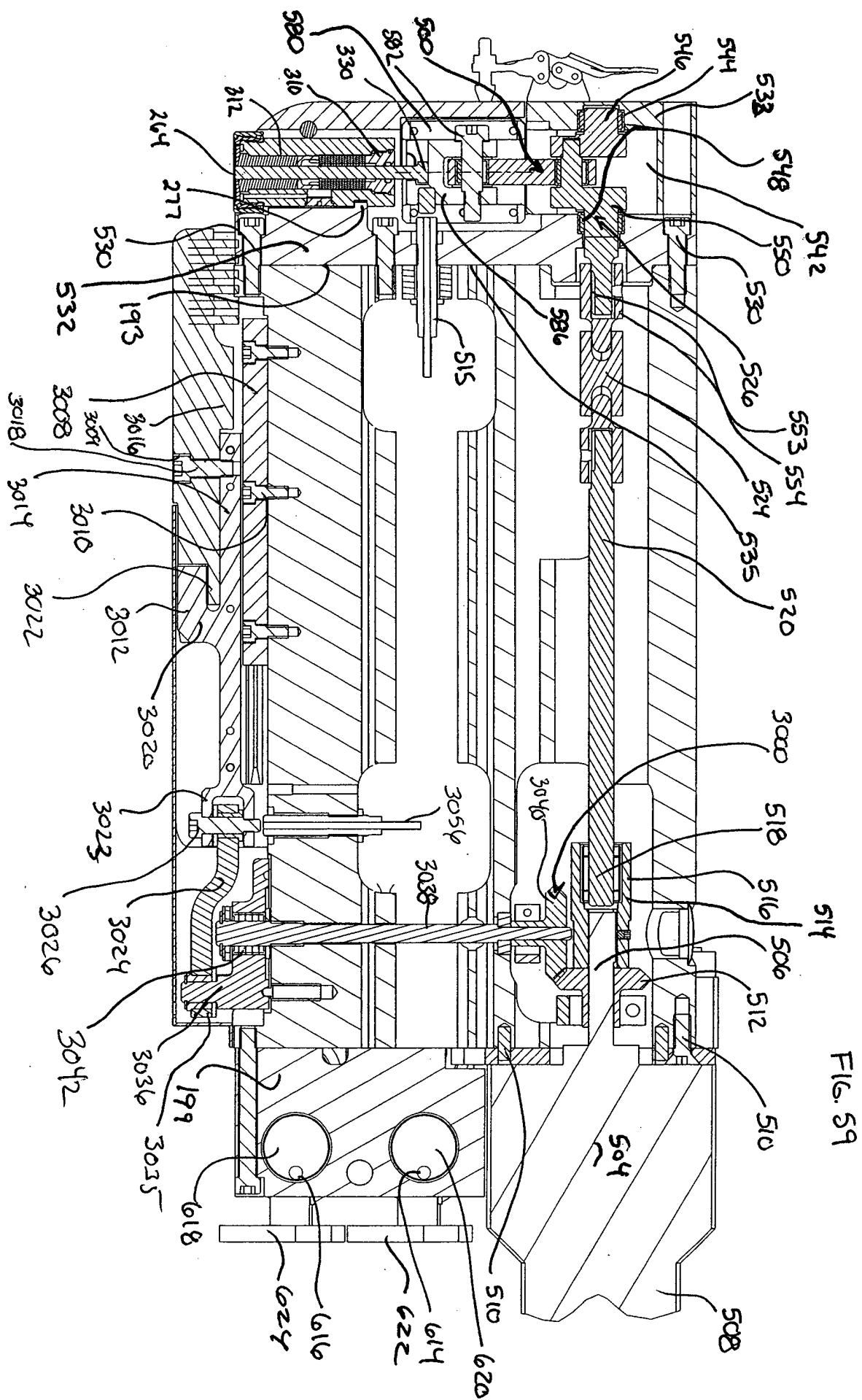


FIG. 58



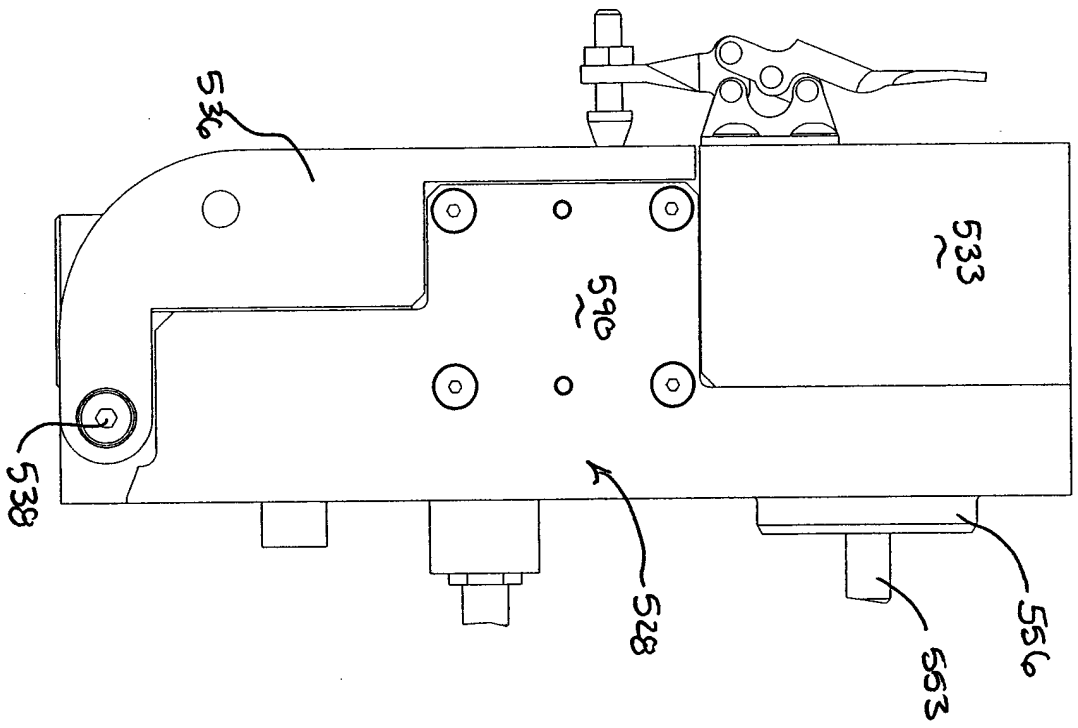


FIG. 60

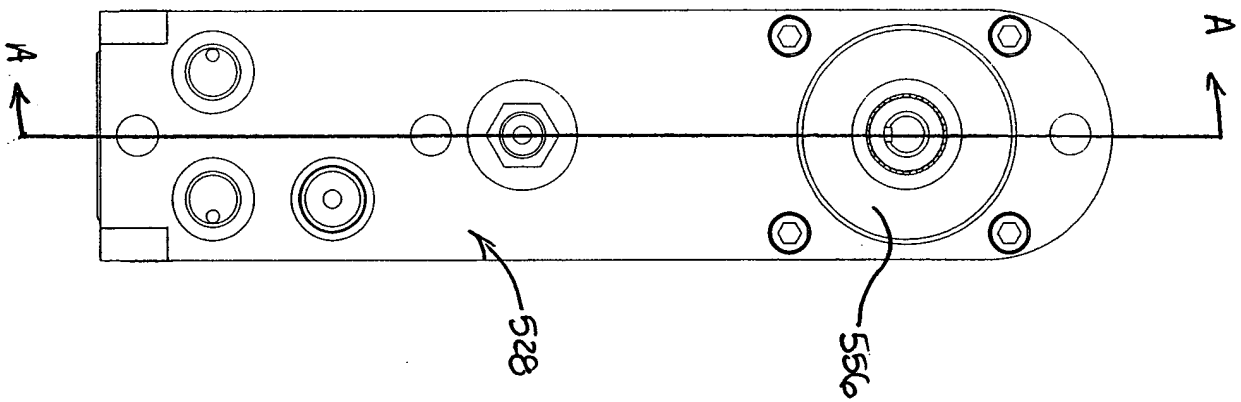


FIG. 61

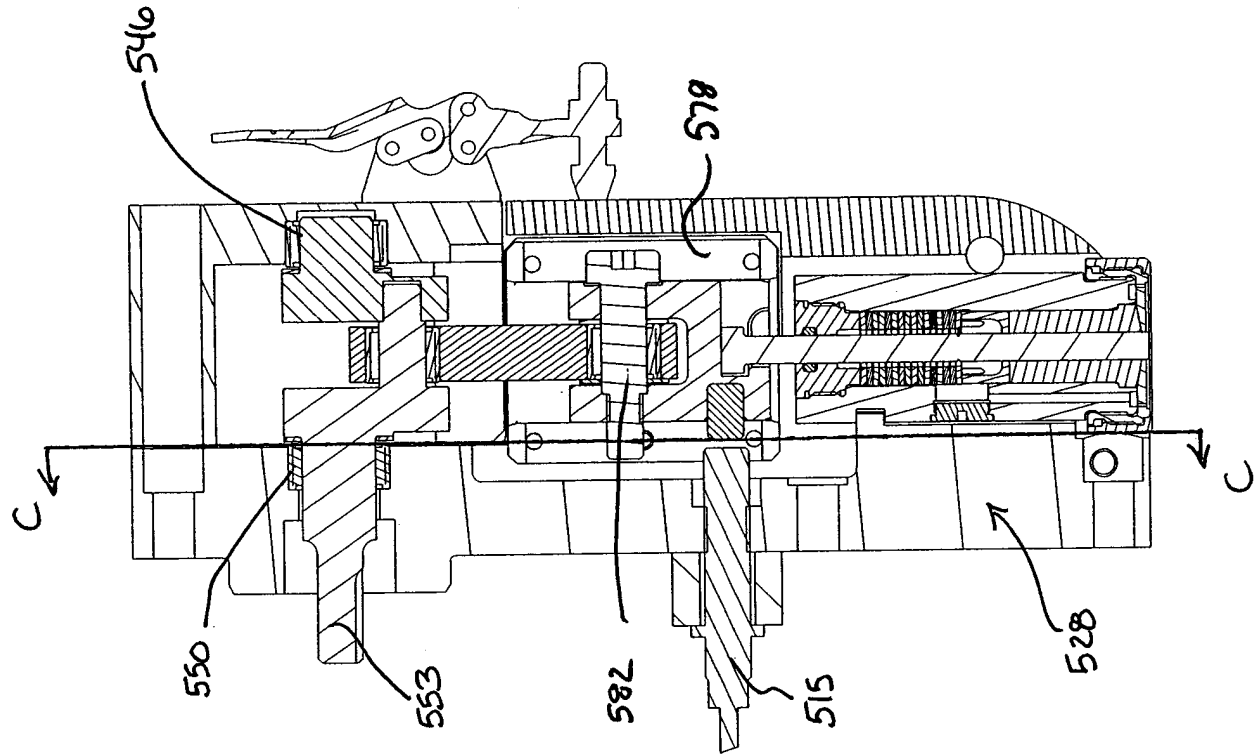
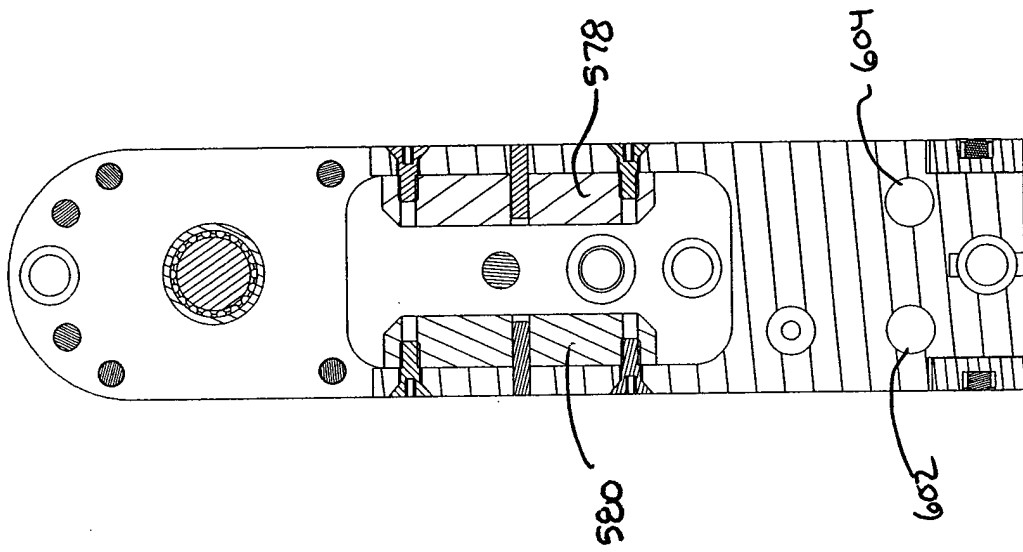


FIG. 62



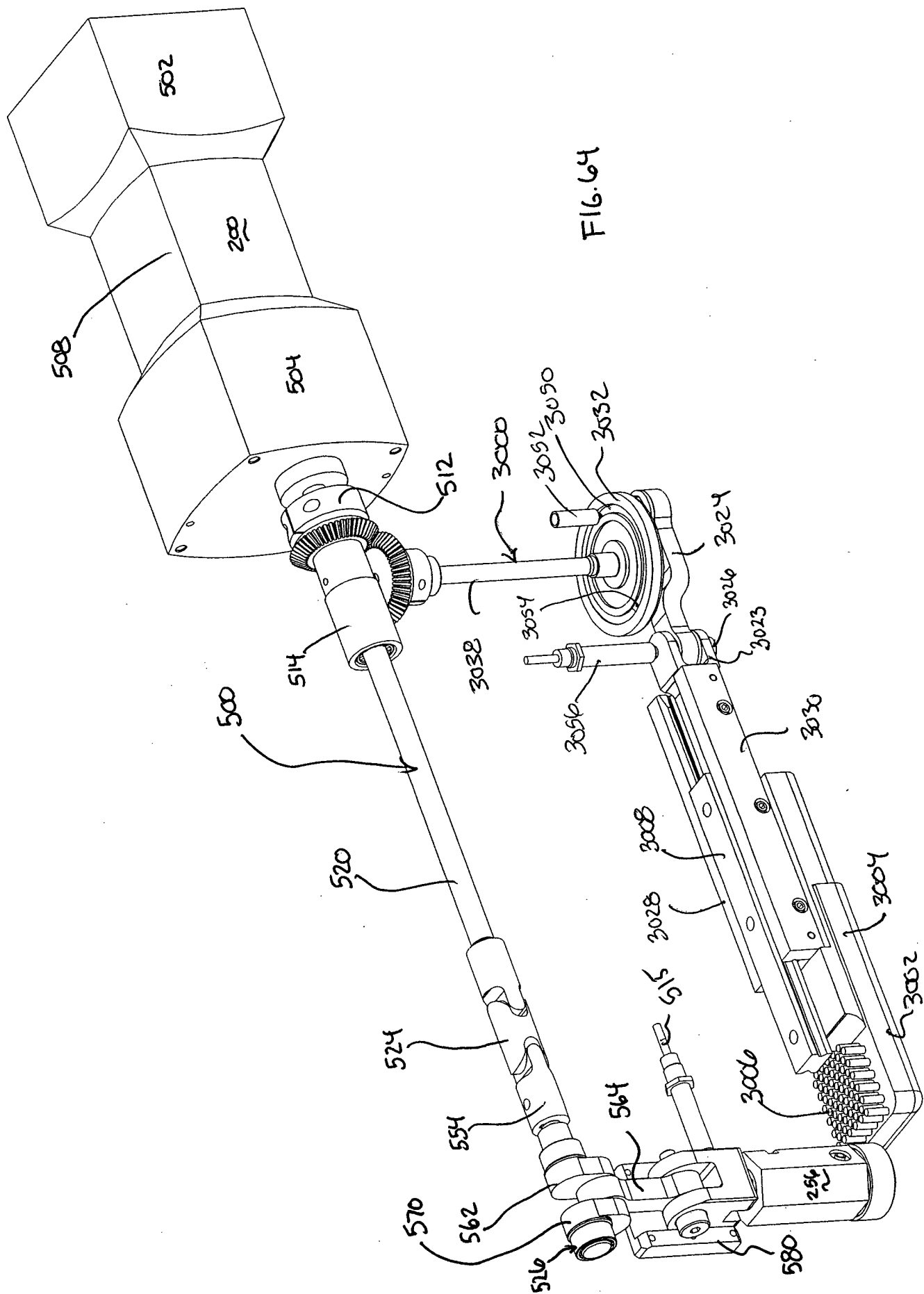
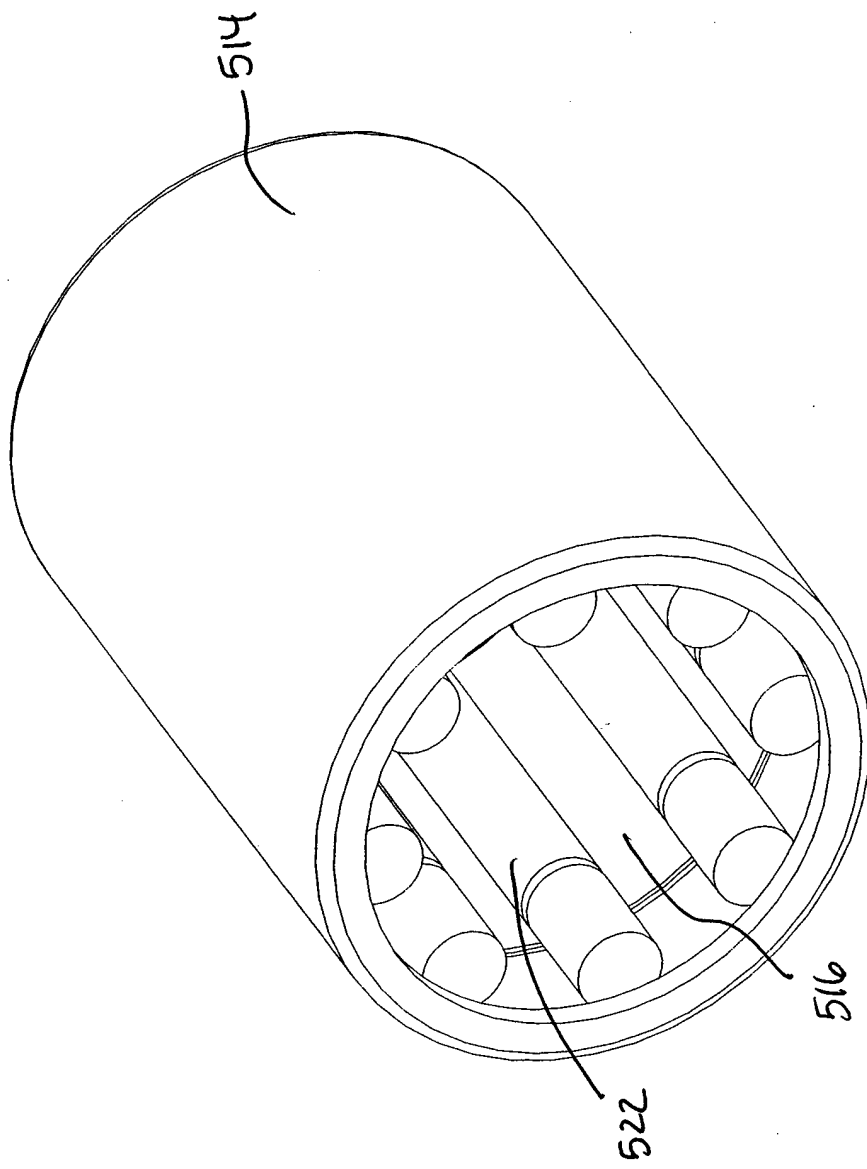


FIG. 65



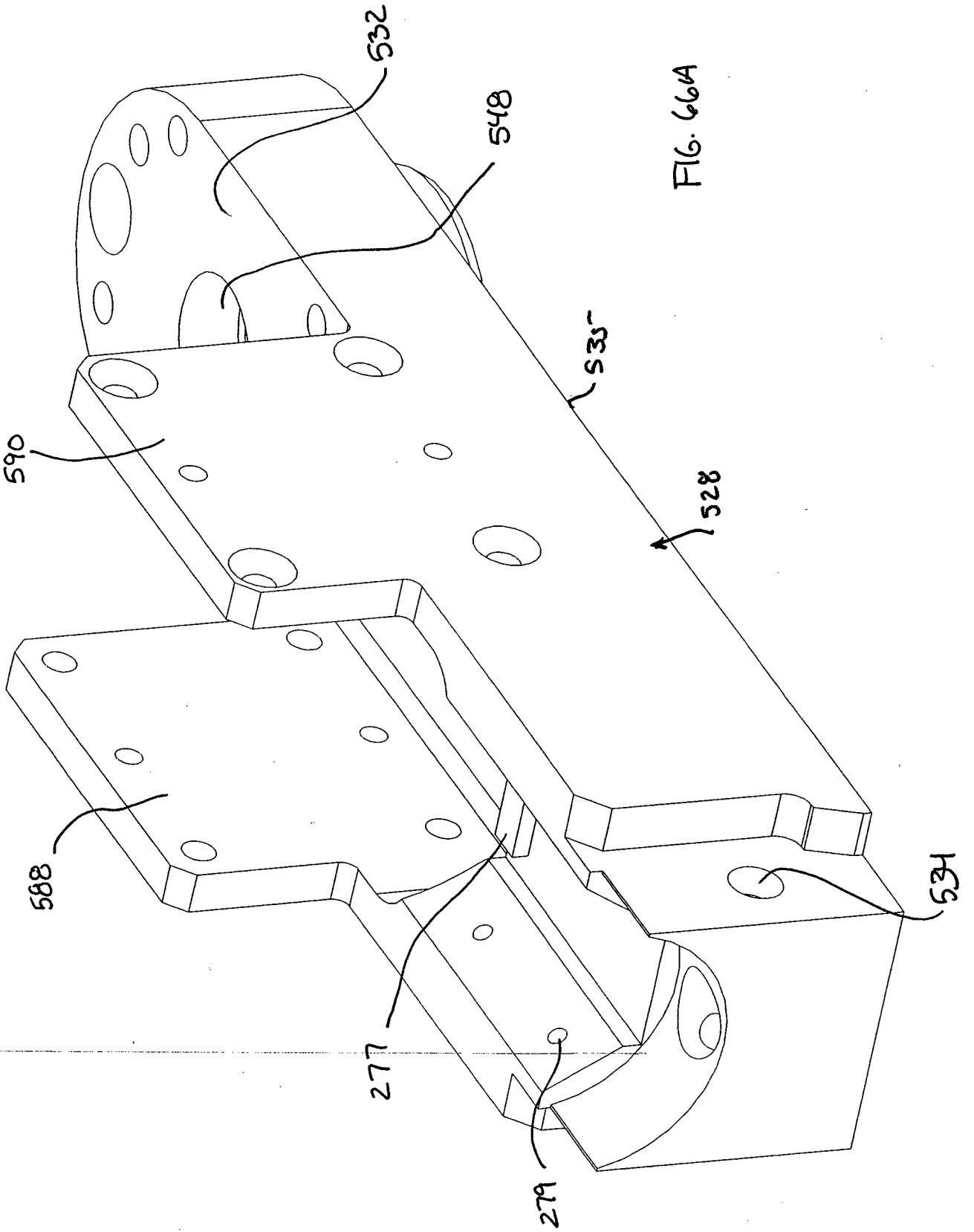


FIG. 66A

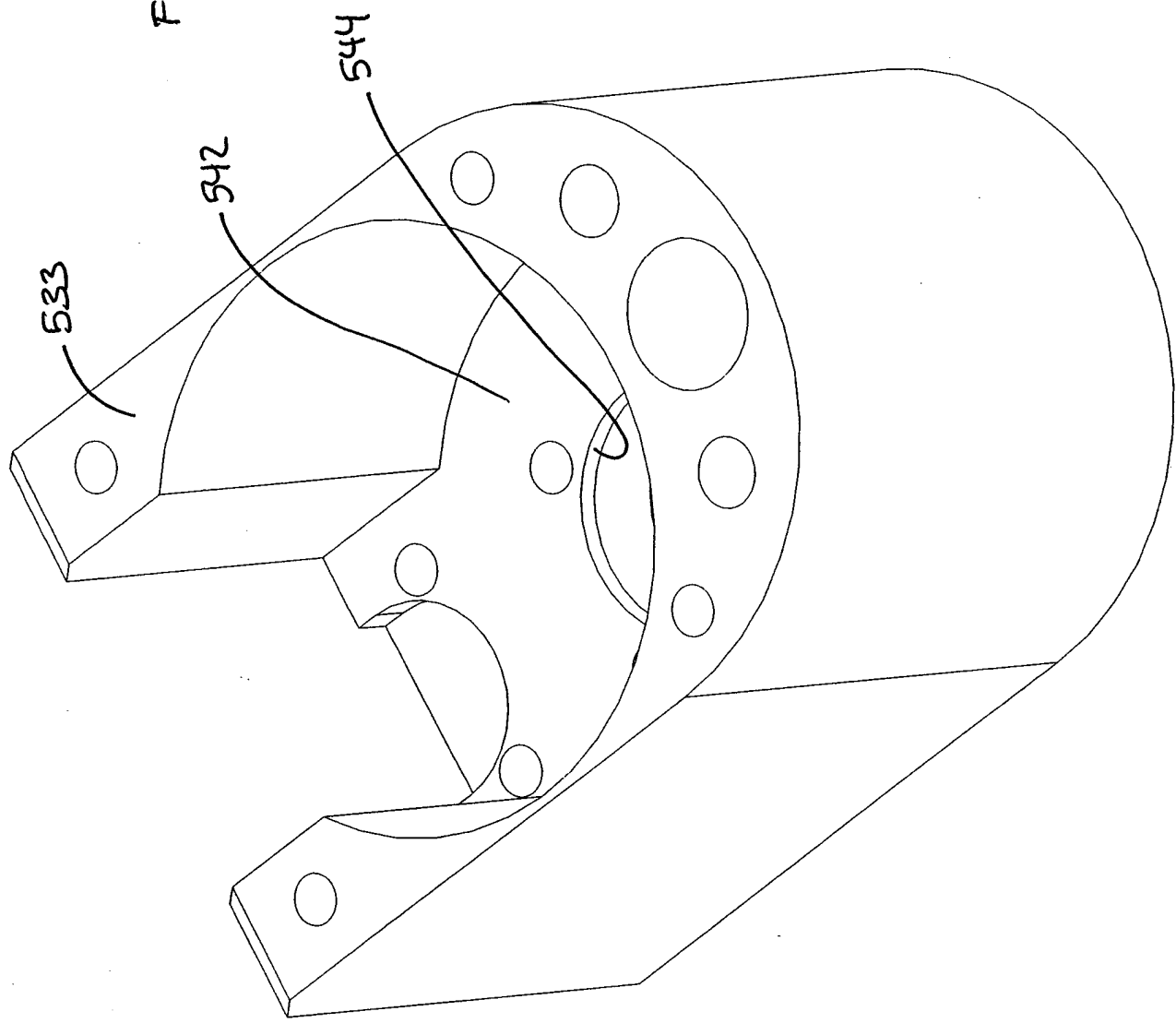


FIG. 66B

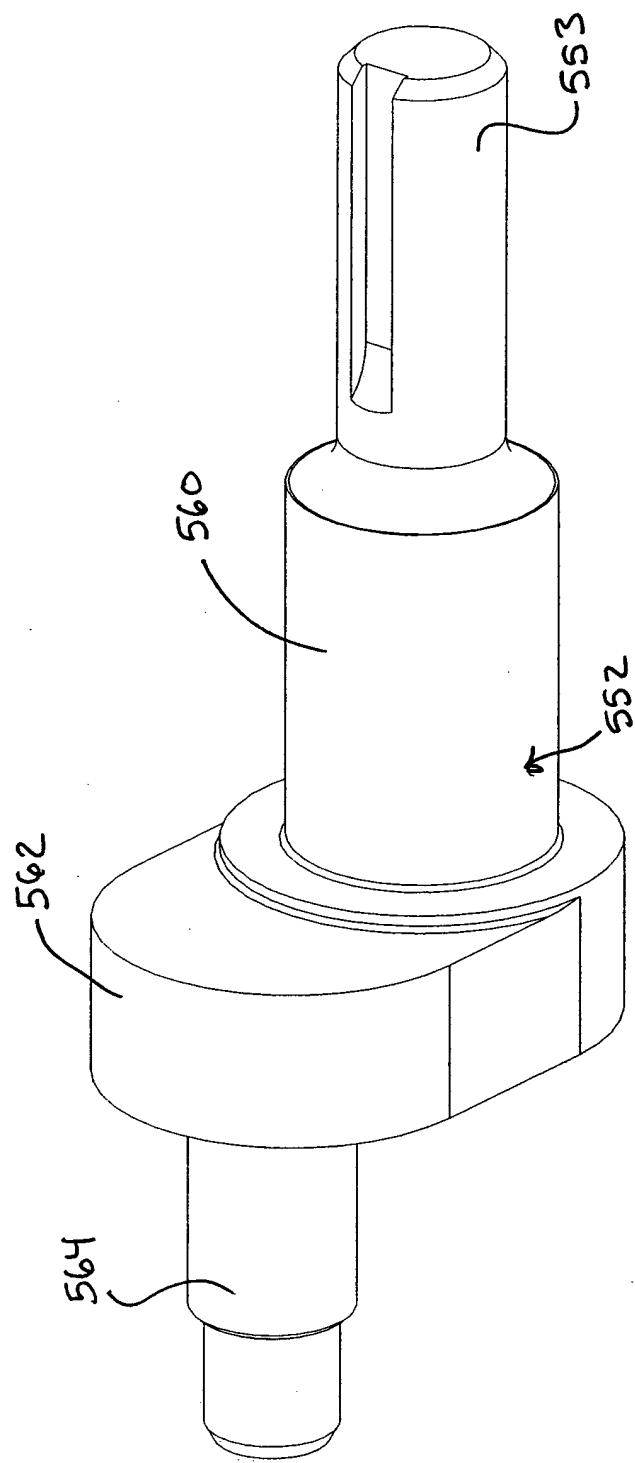


FIG. 67

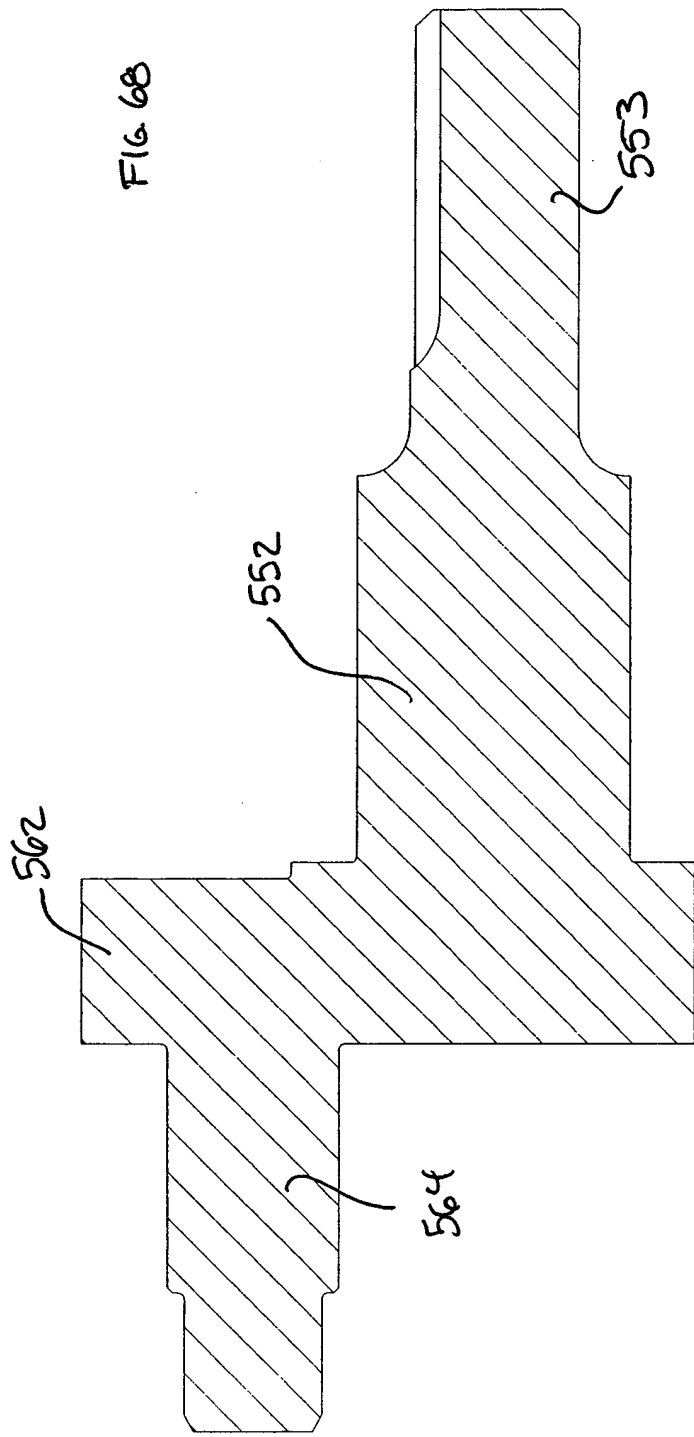


FIG. 68

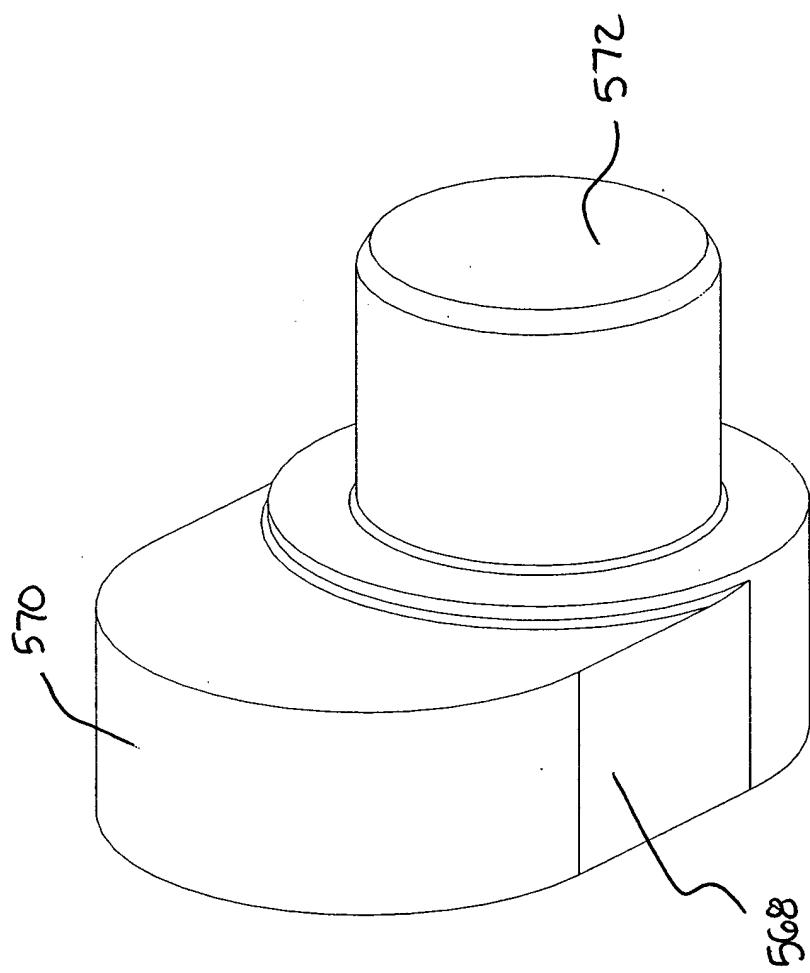


FIG. 69

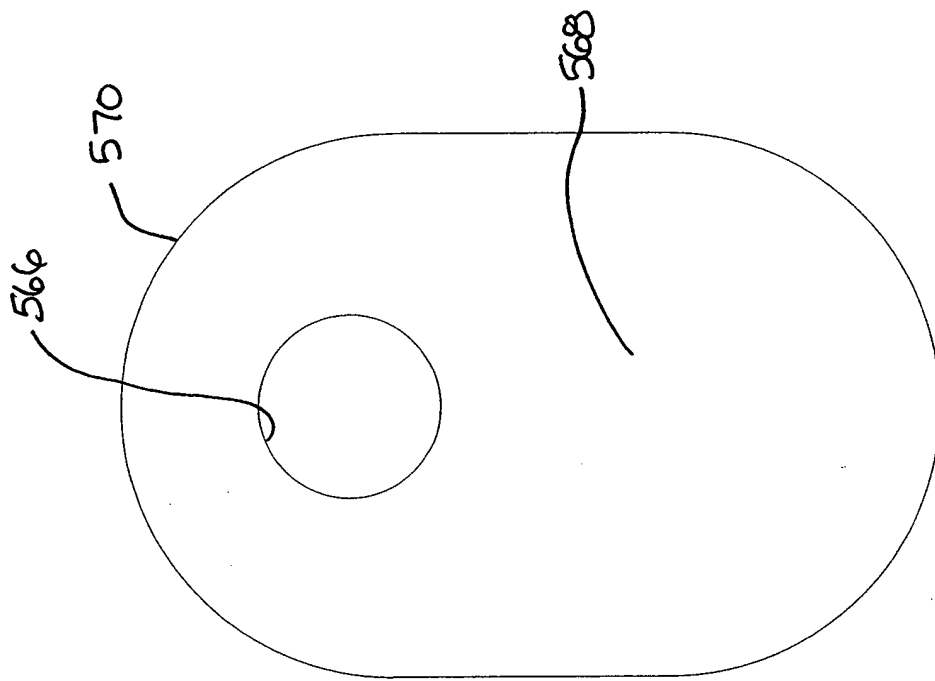


FIG. 70

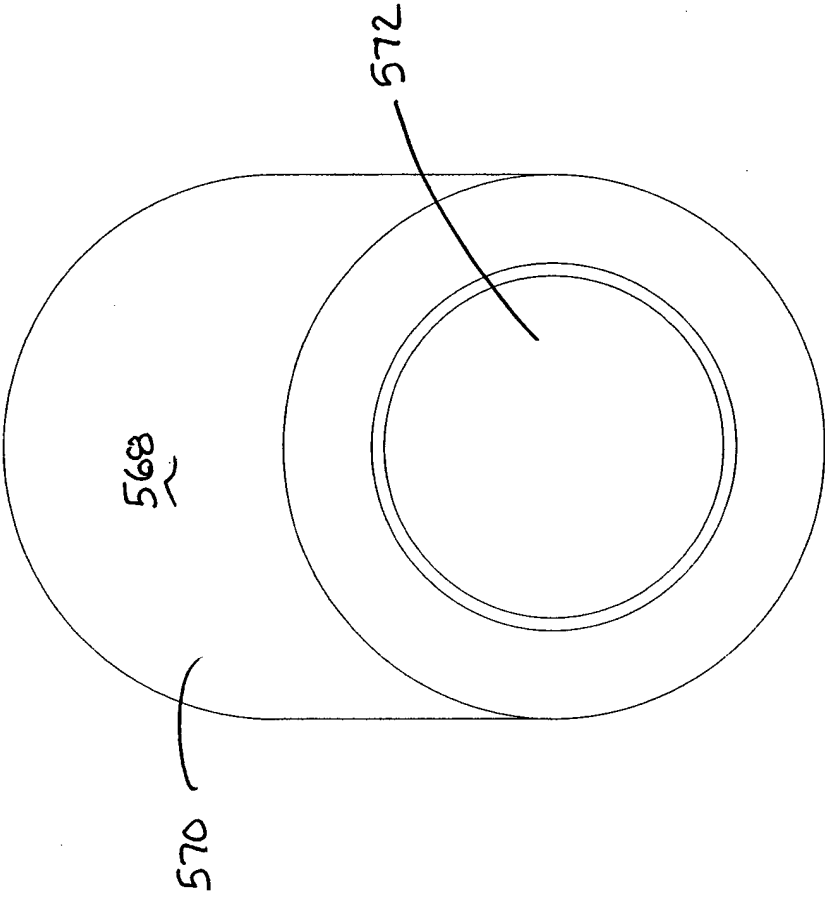


FIG. 71

FIG. 72

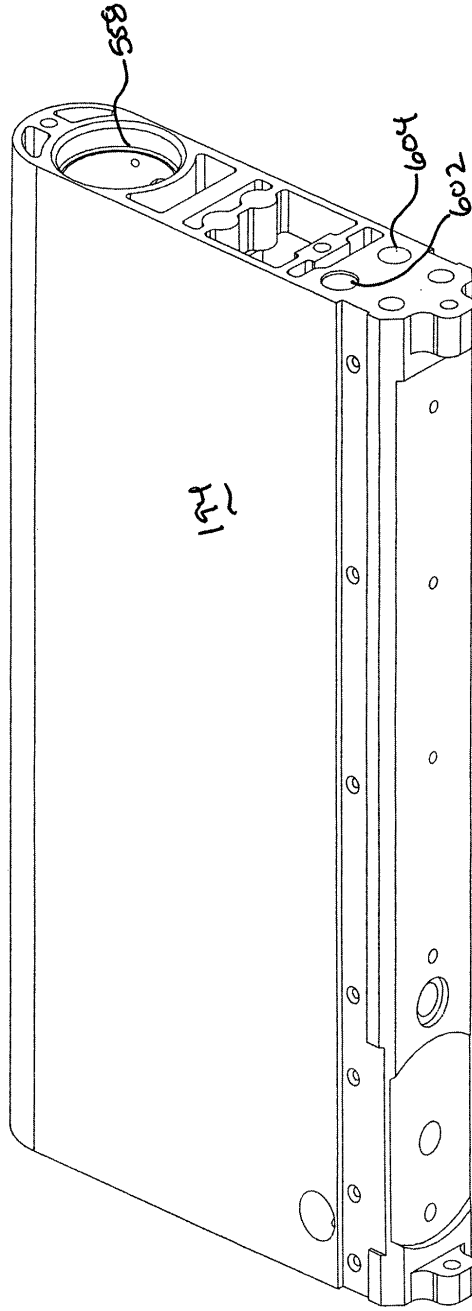
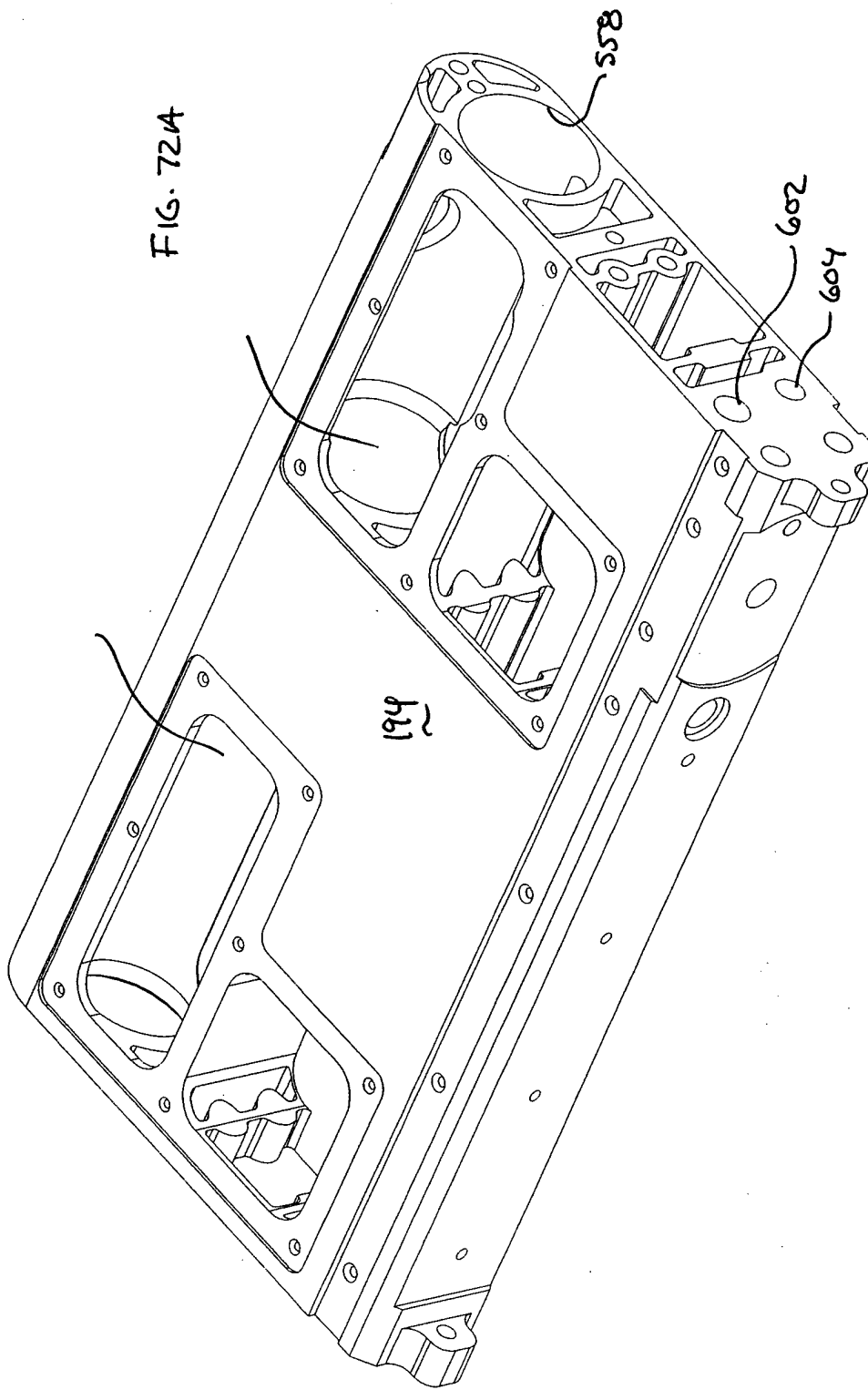


FIG. 72A



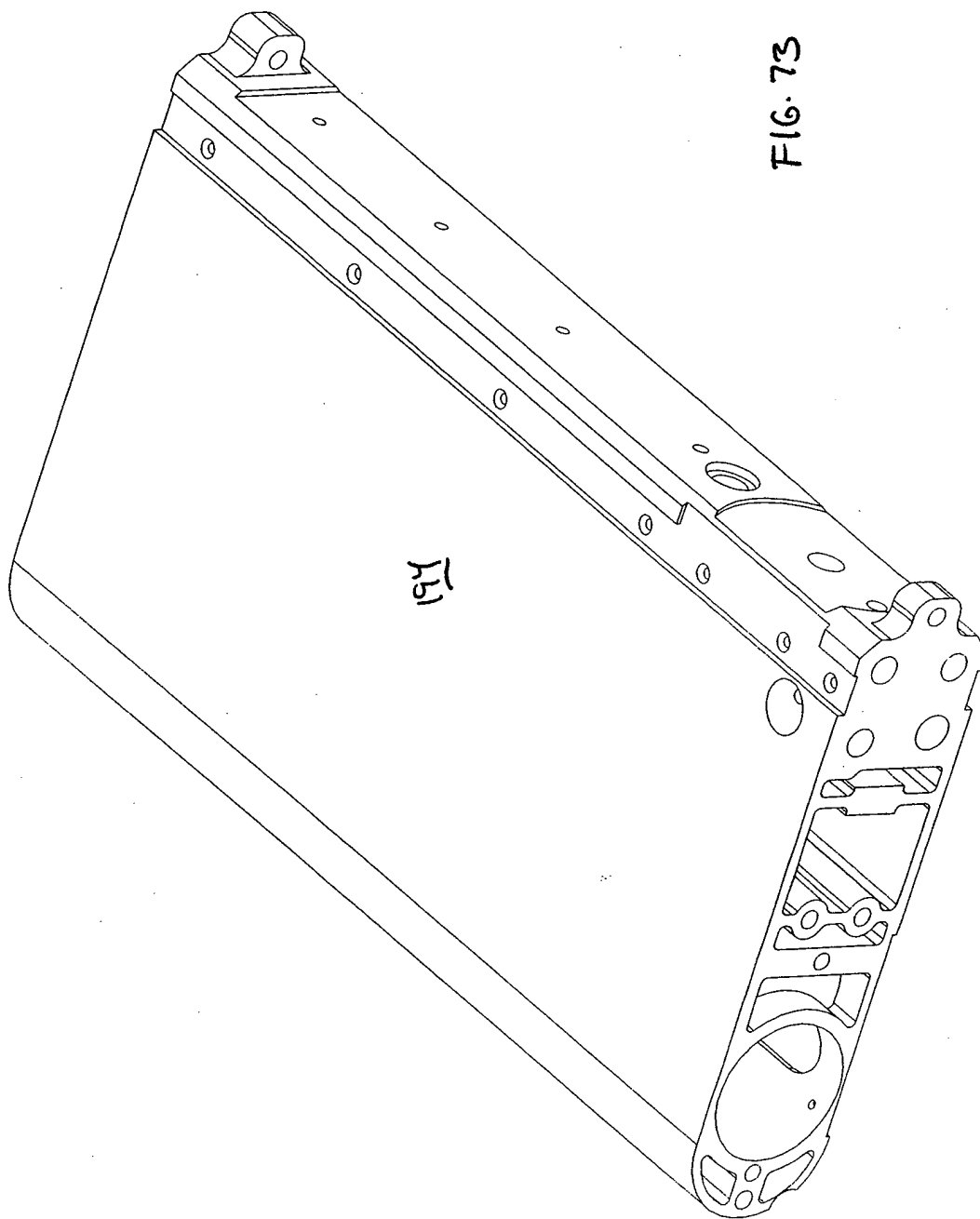


FIG. 73

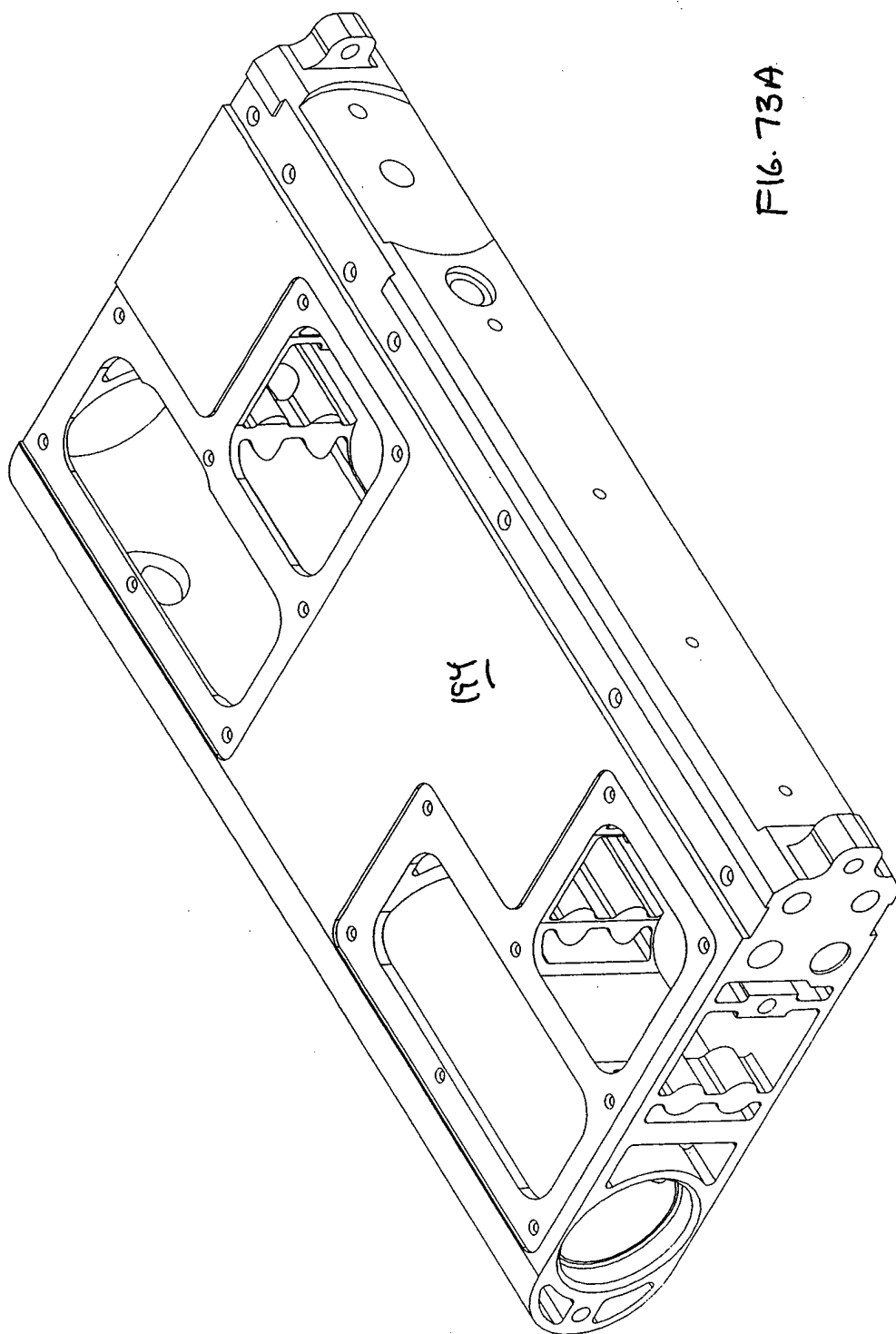


FIG. 73A

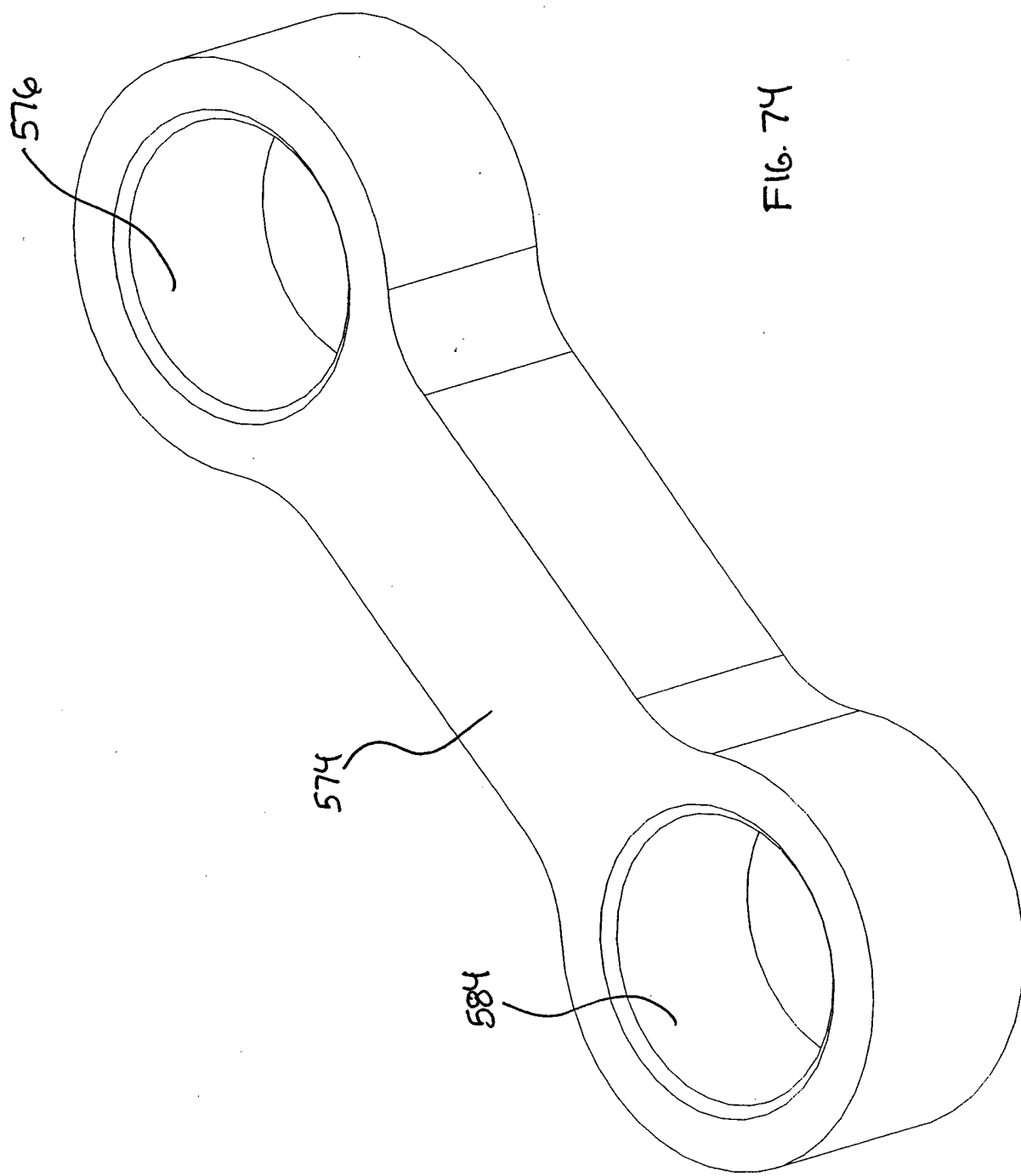
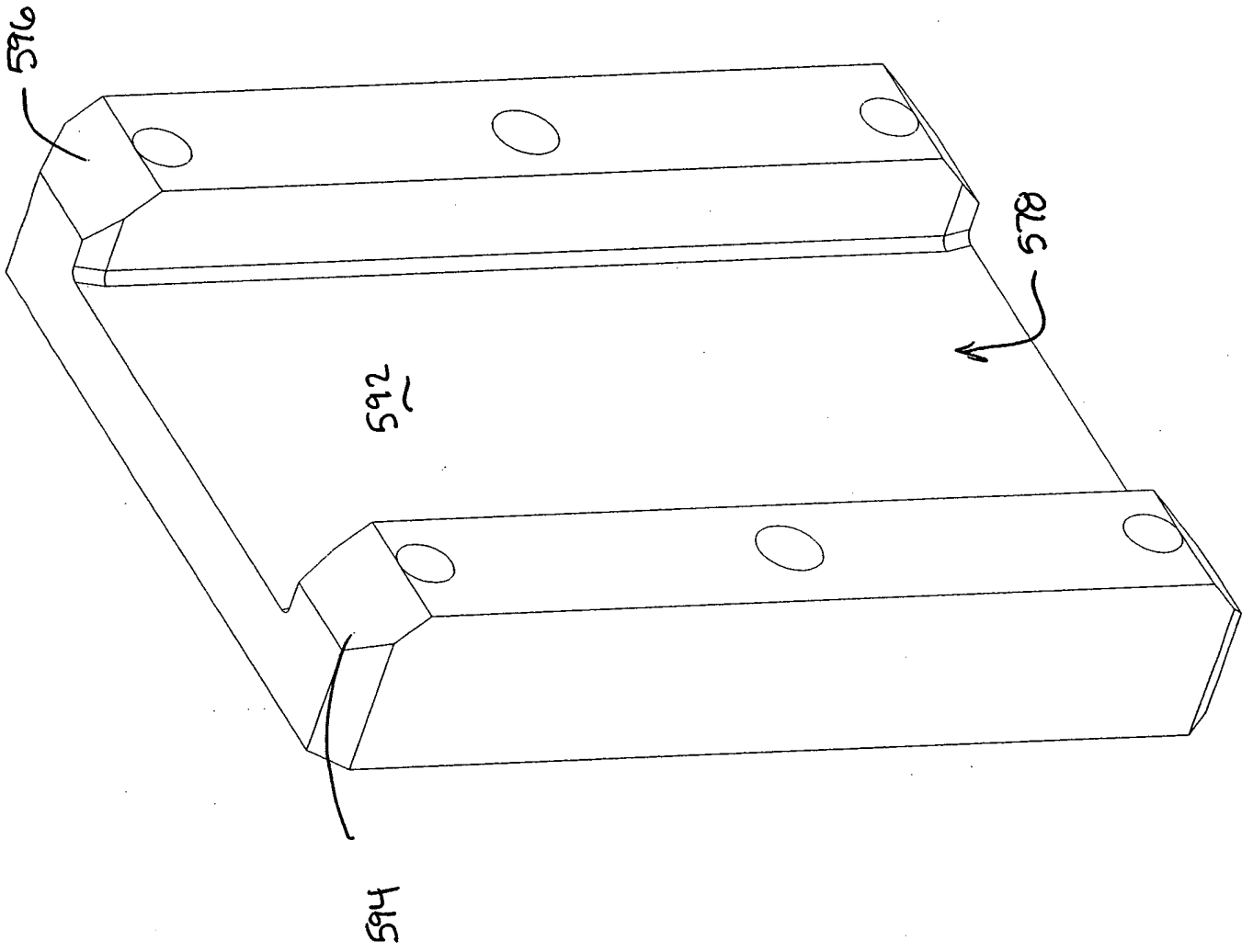


FIG. 74

FIG 75



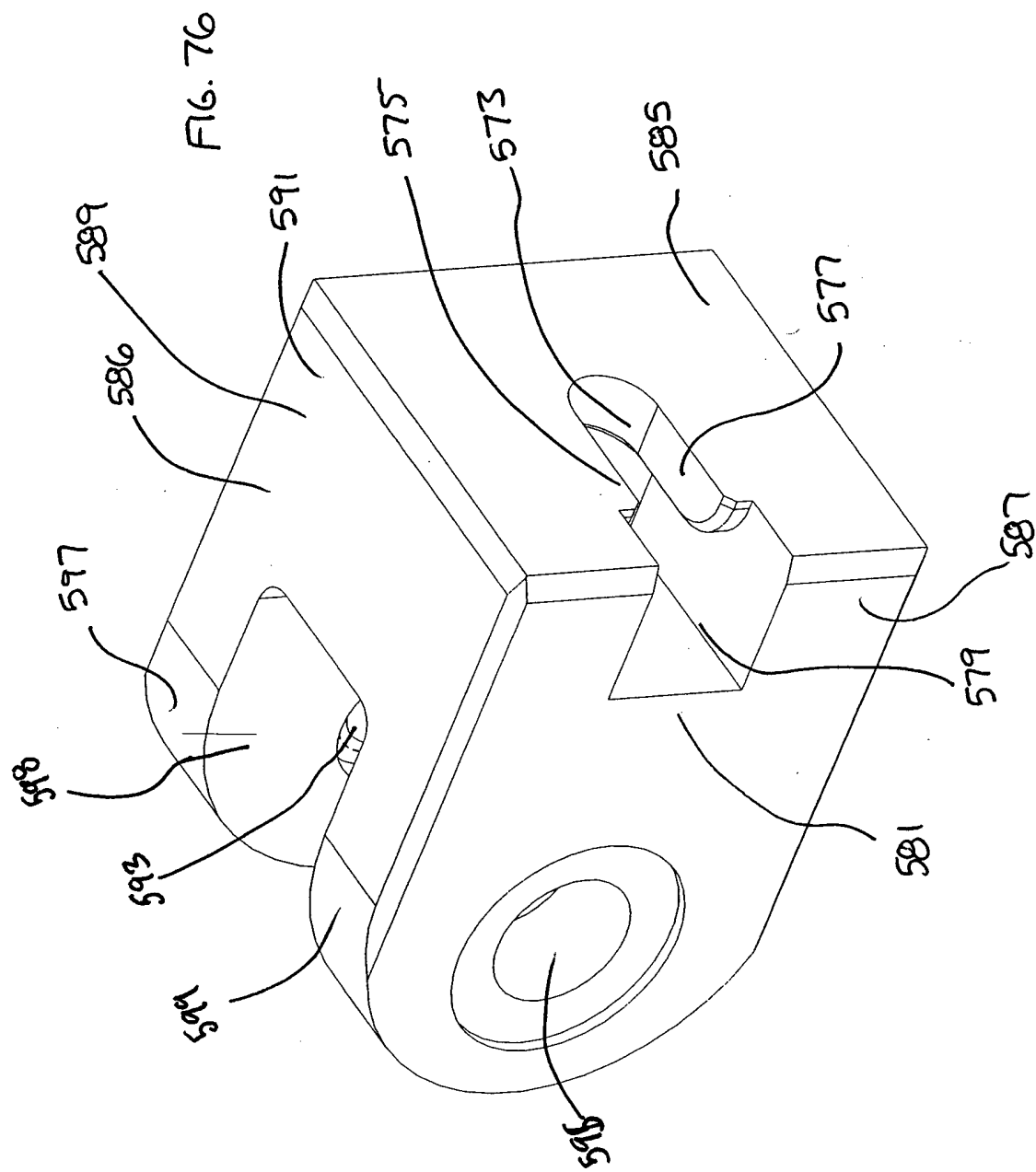
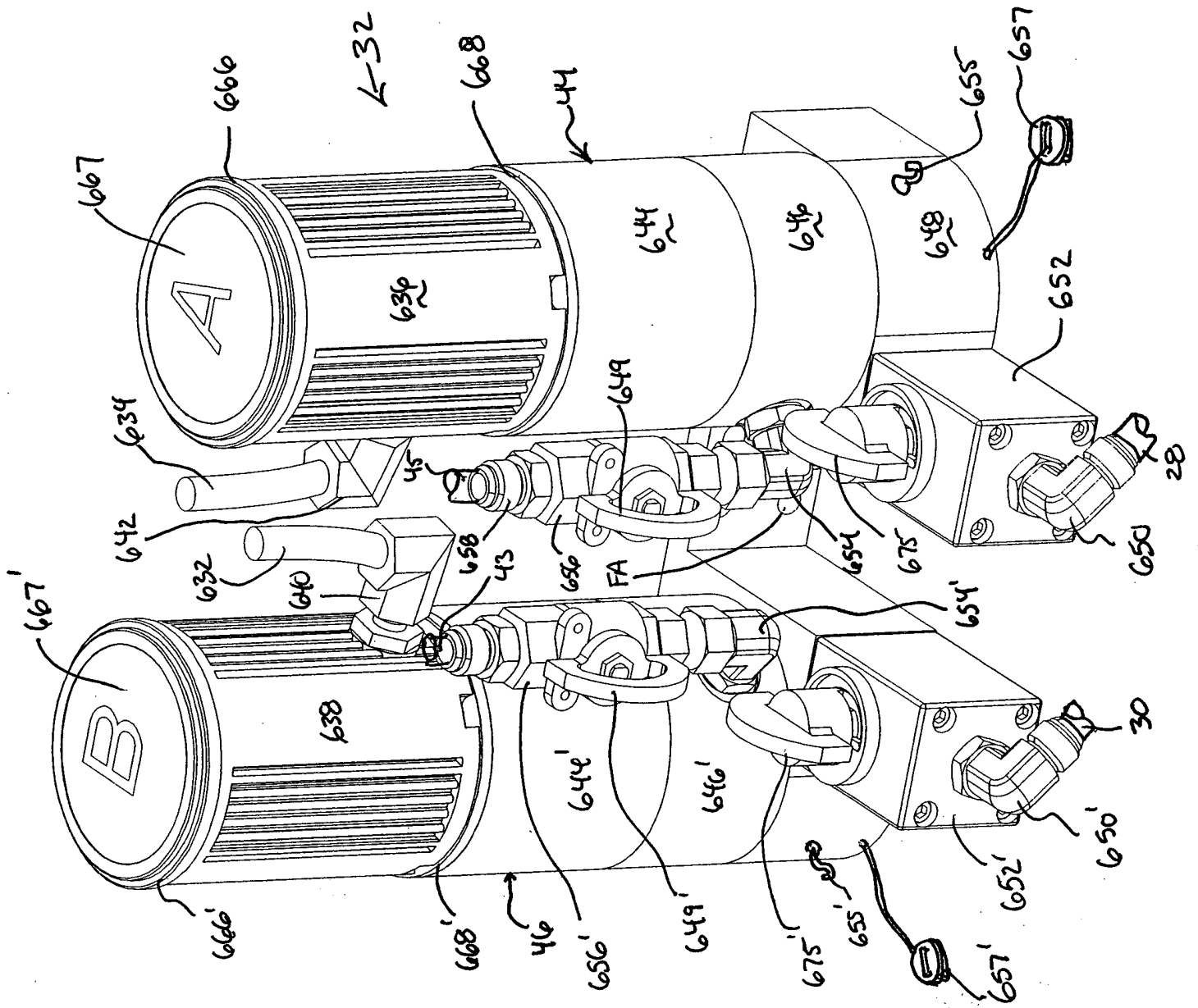
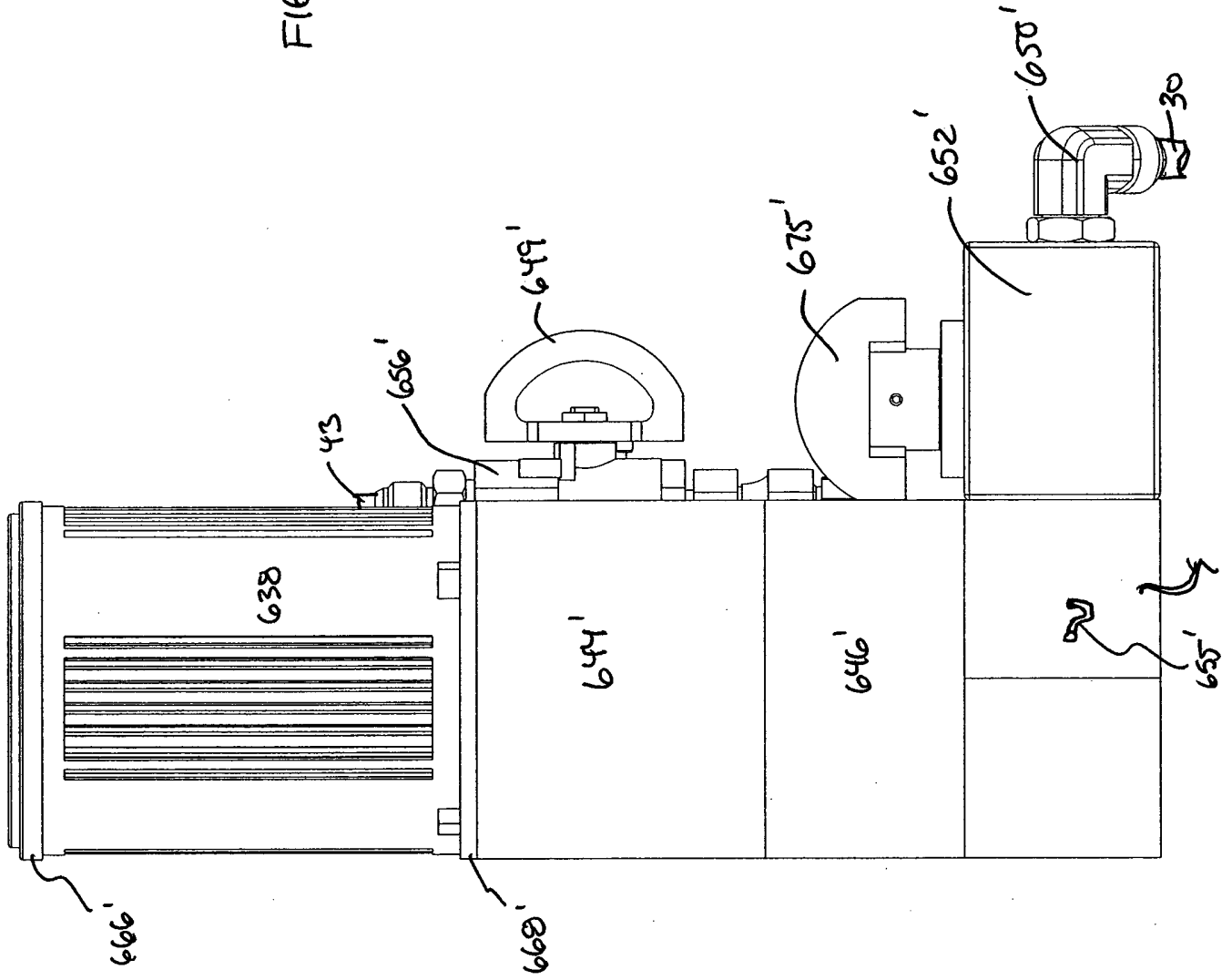


FIG. 77



F16.77A



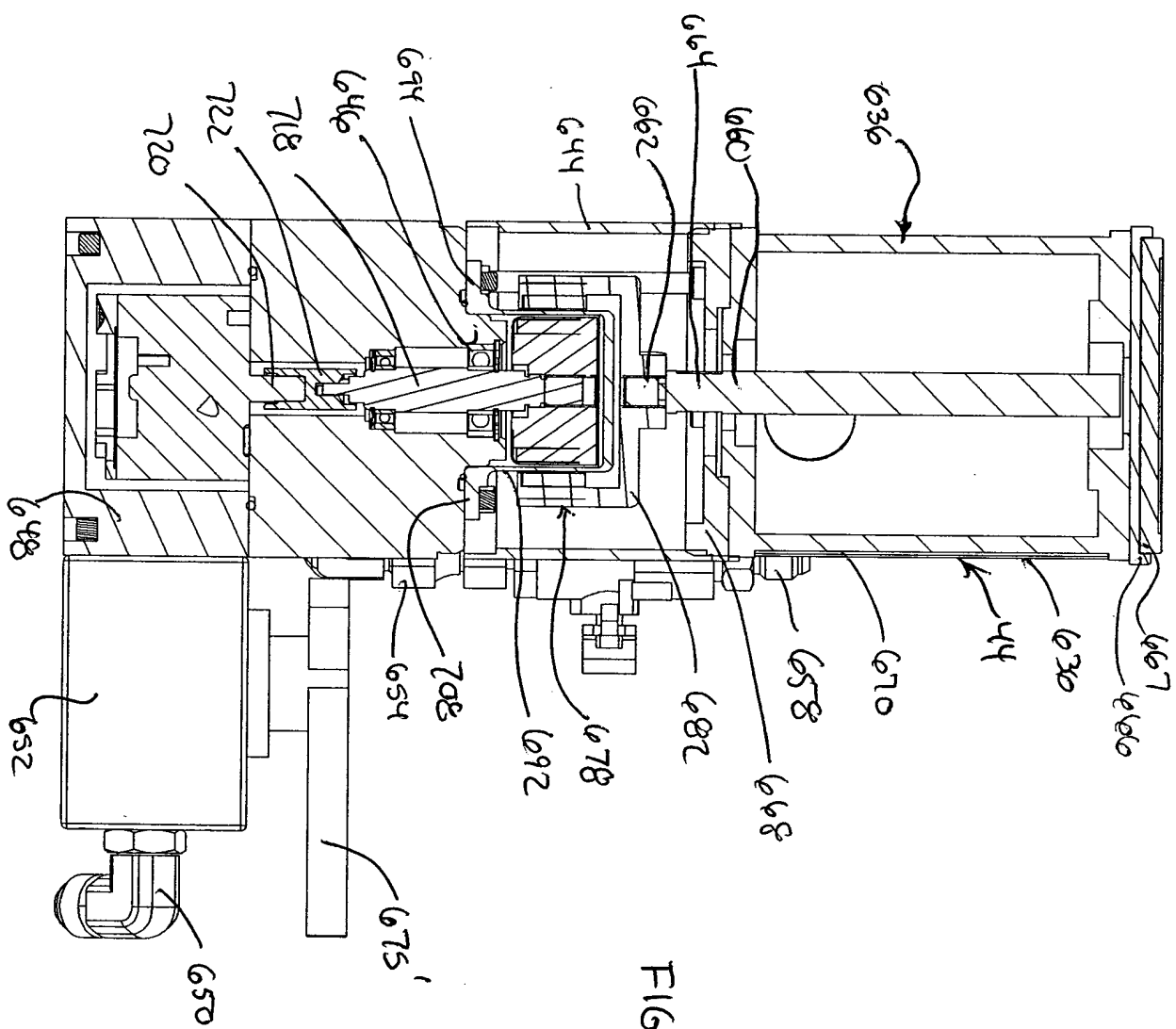
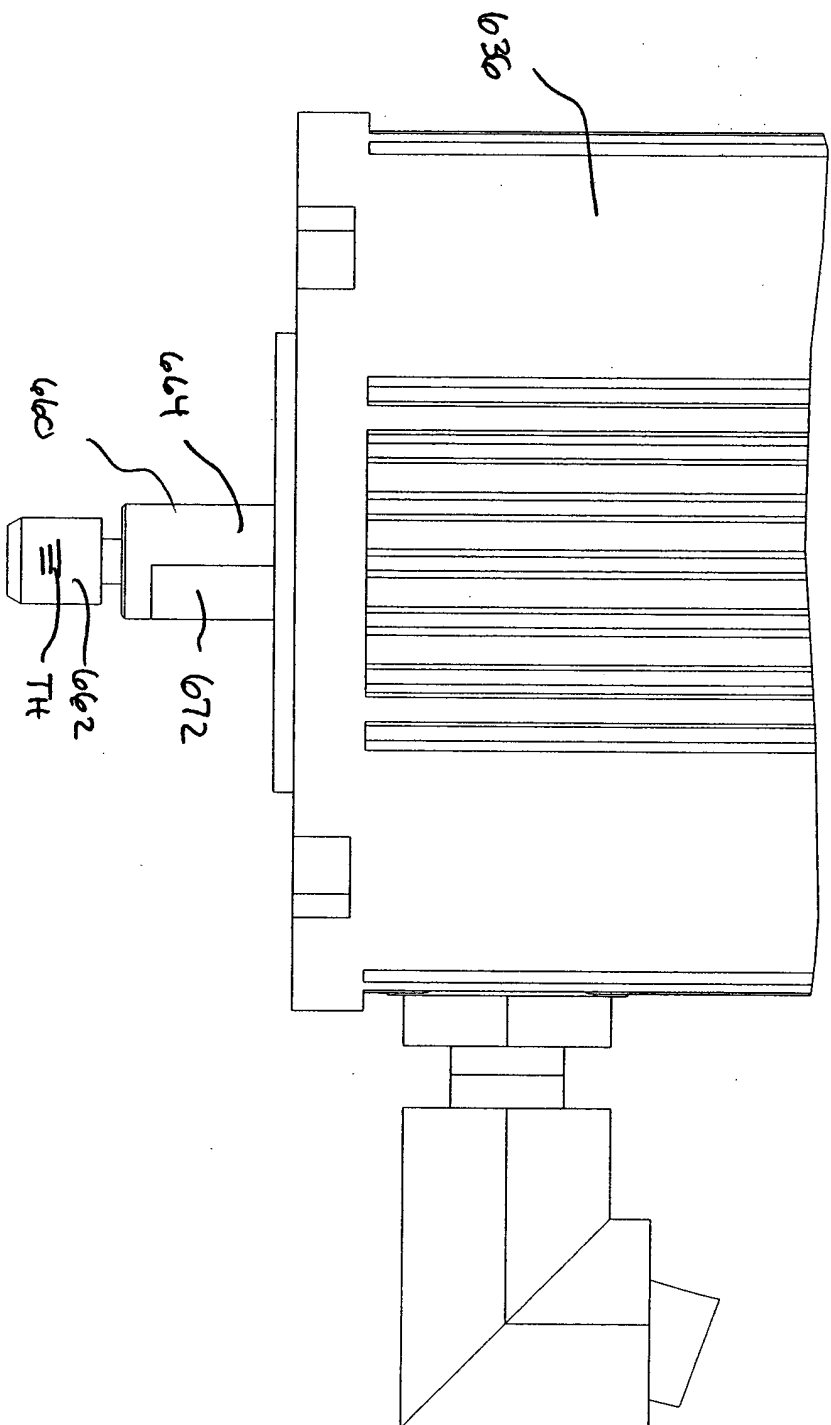


FIG. 79



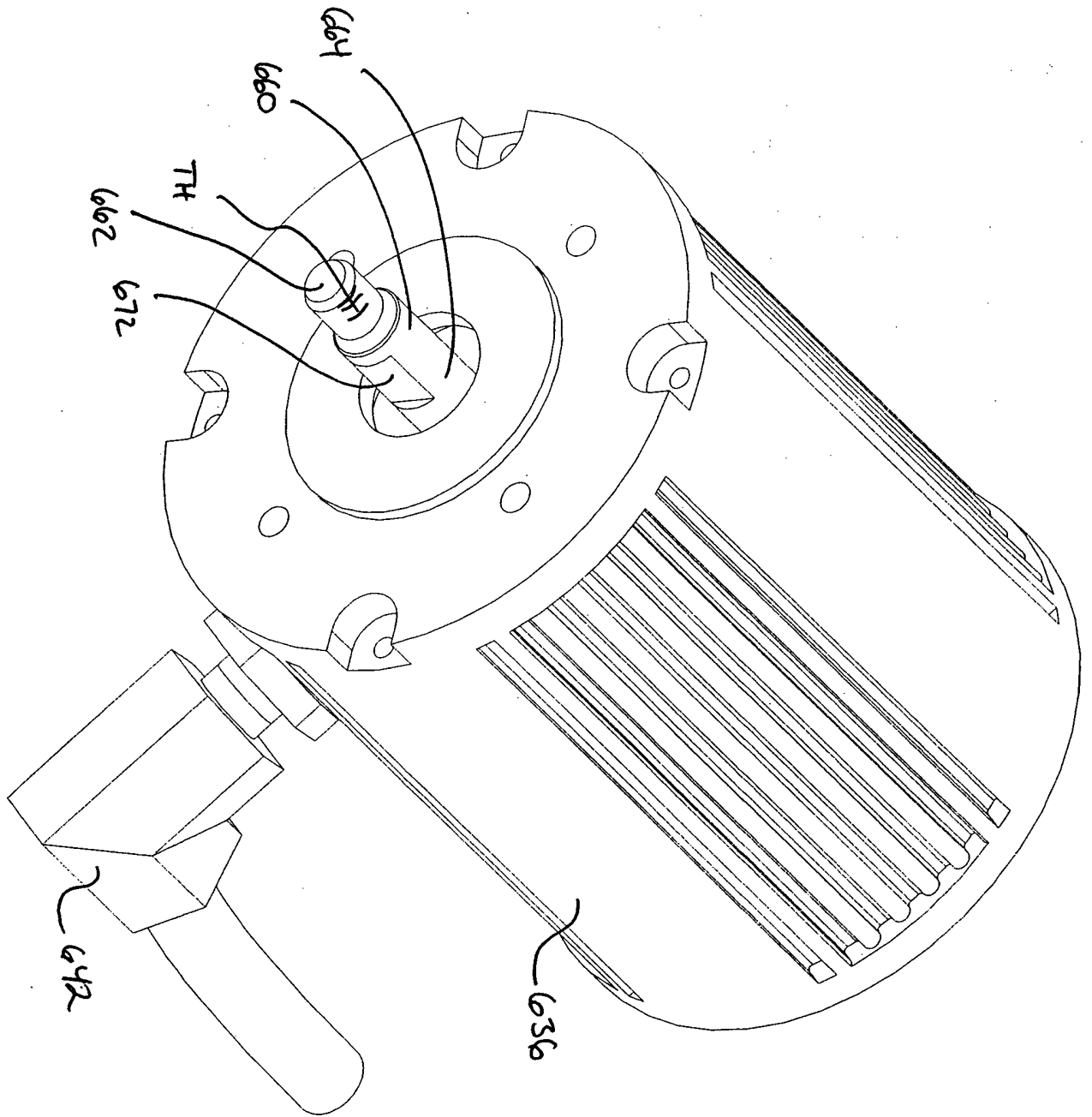


FIG. 80

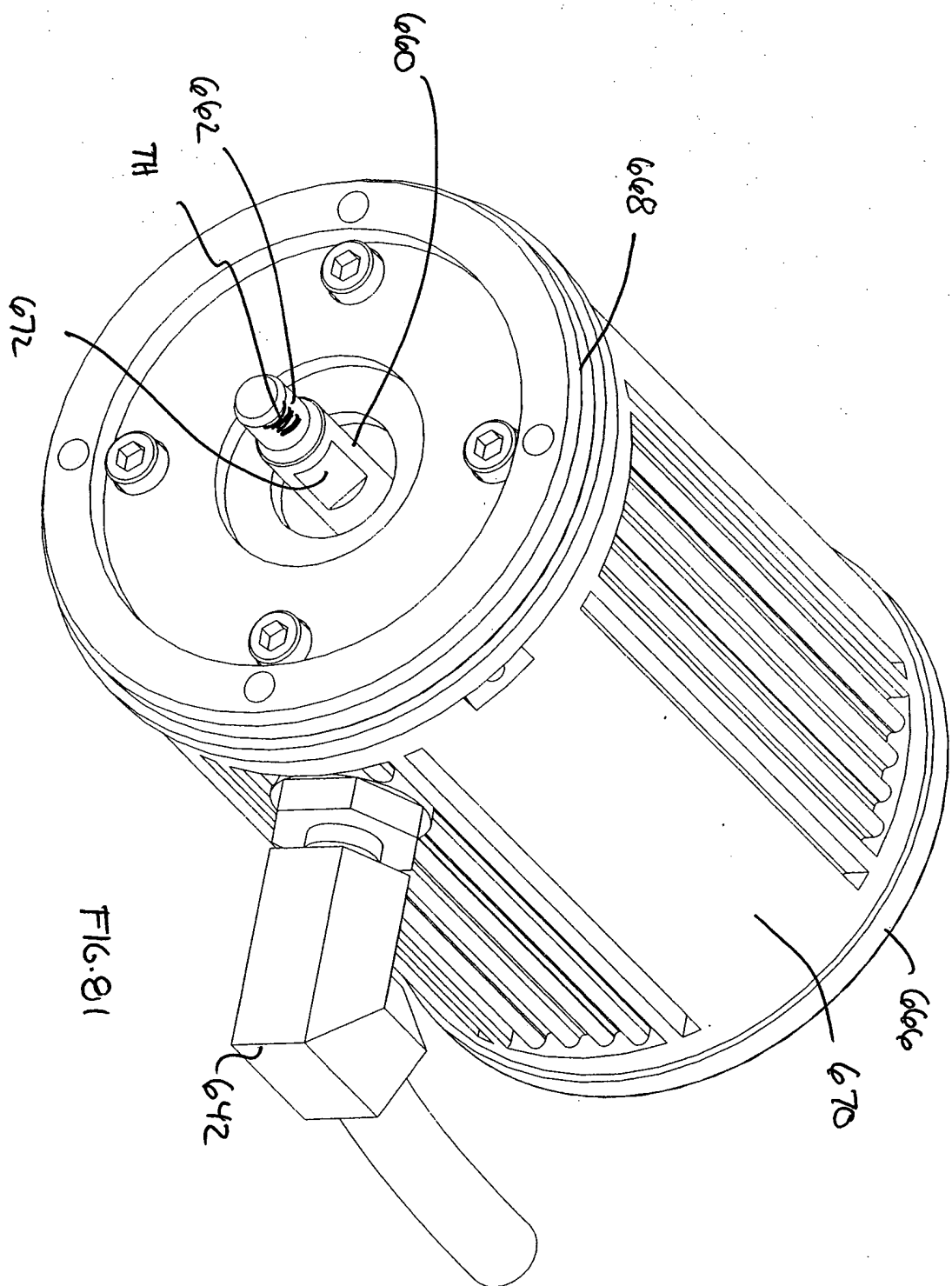


FIG. 81

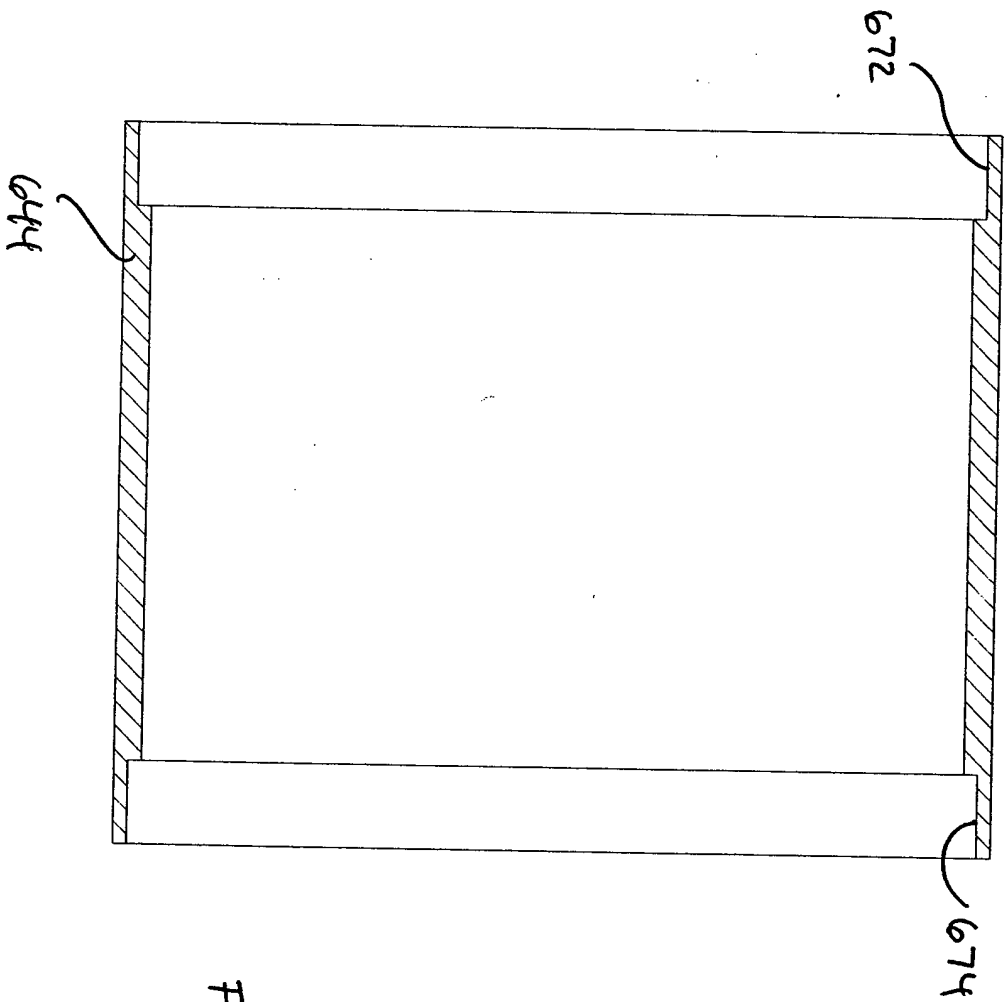
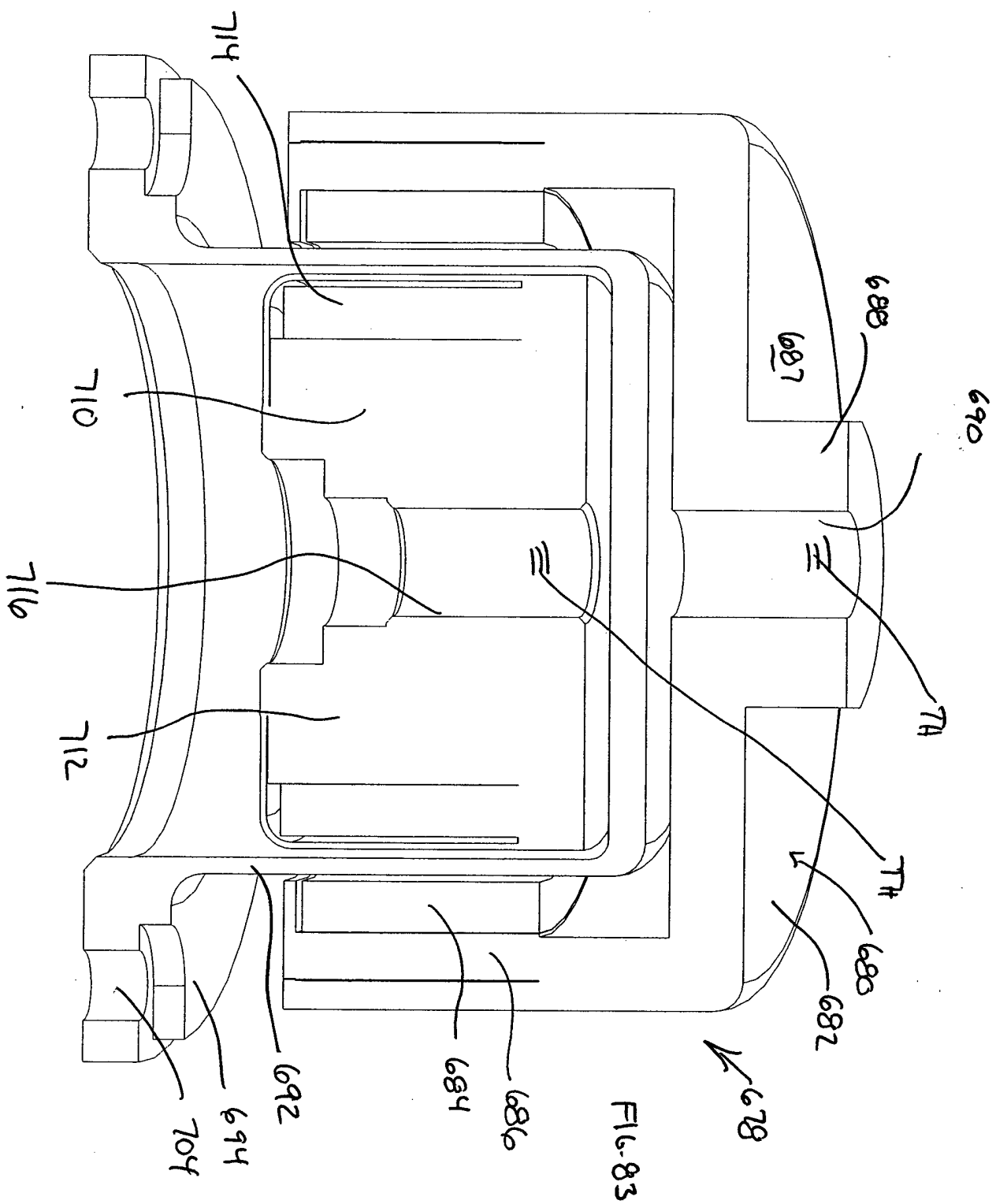


FIG. 82



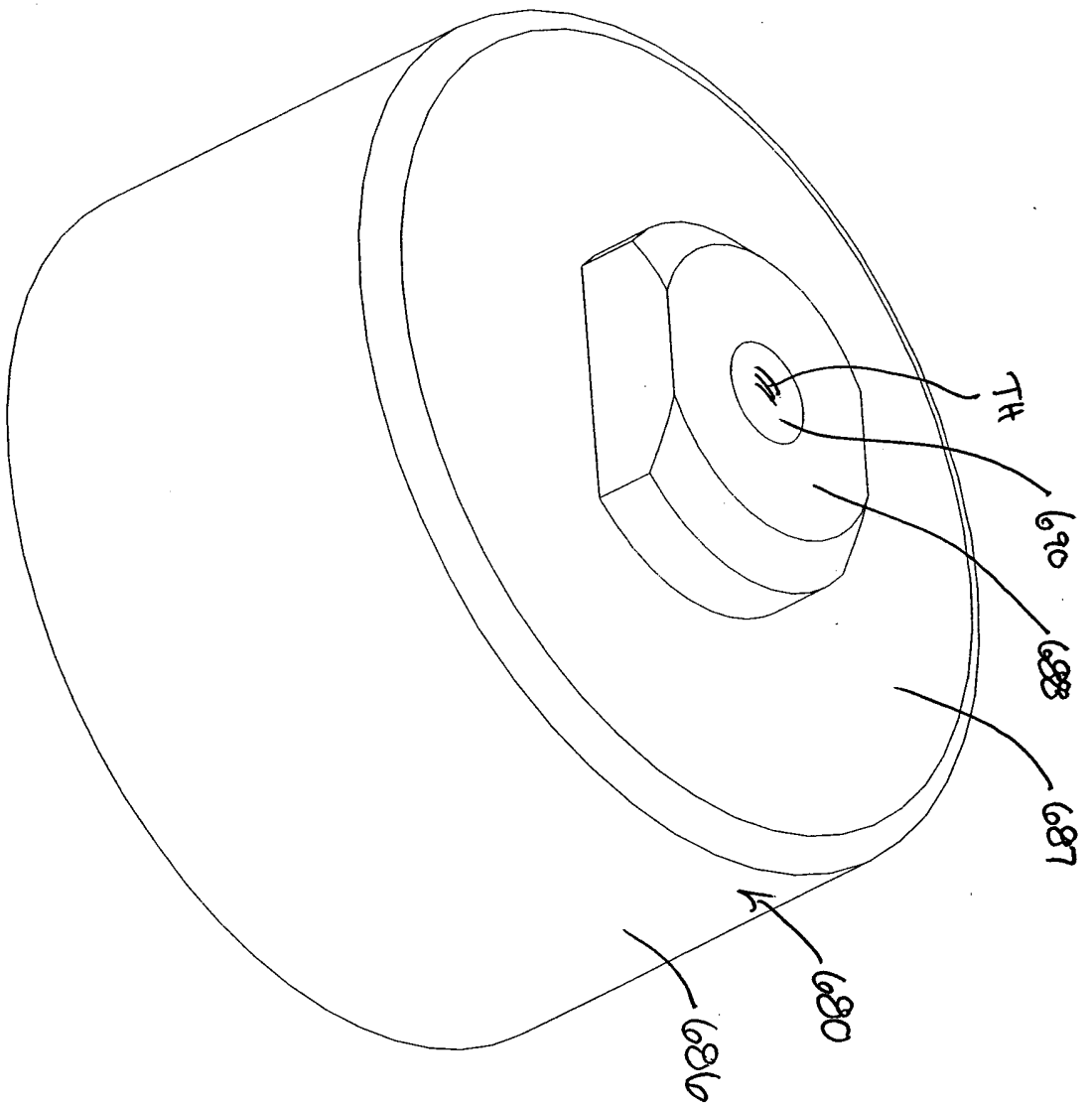


FIG. 84

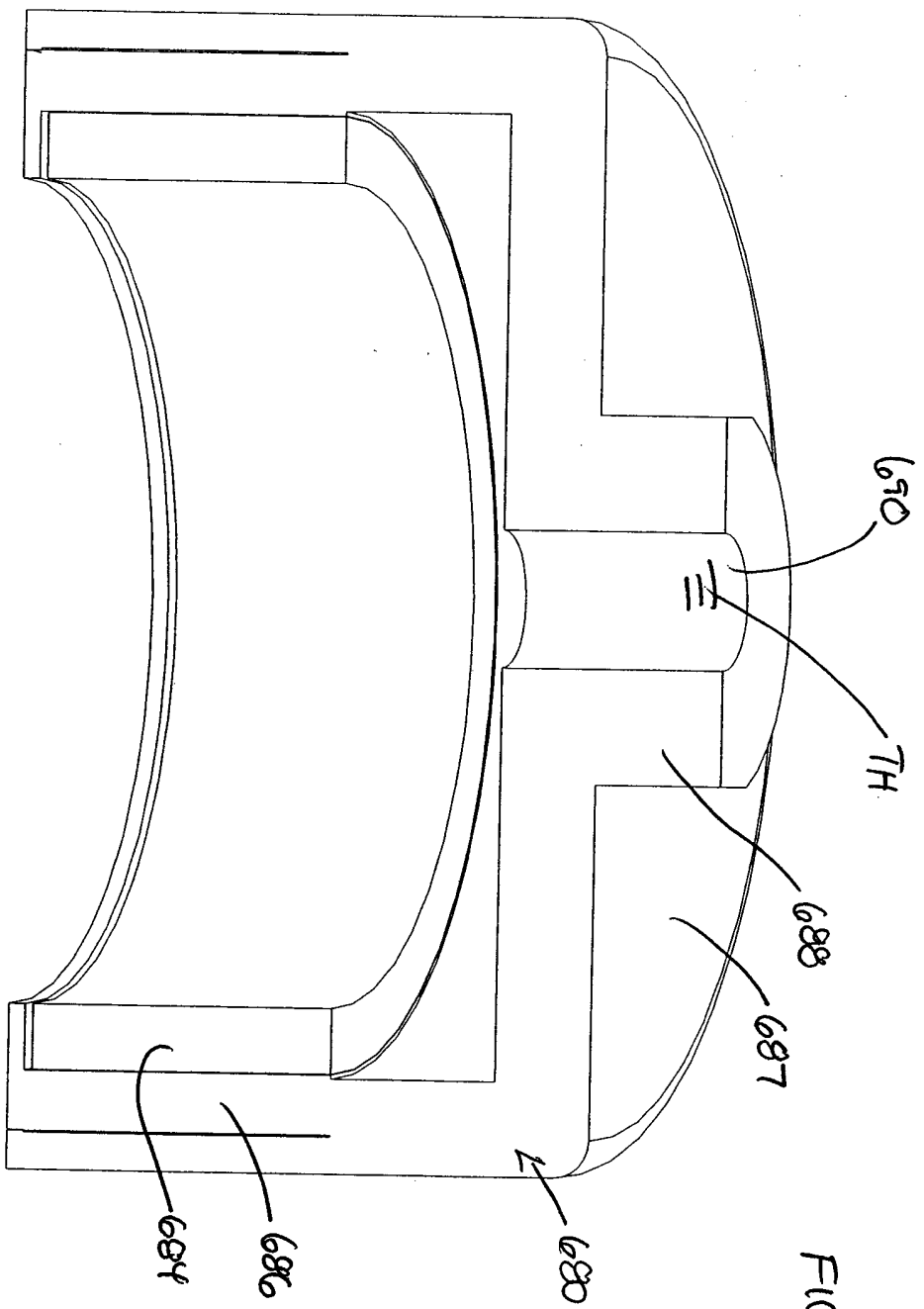


FIG. 85

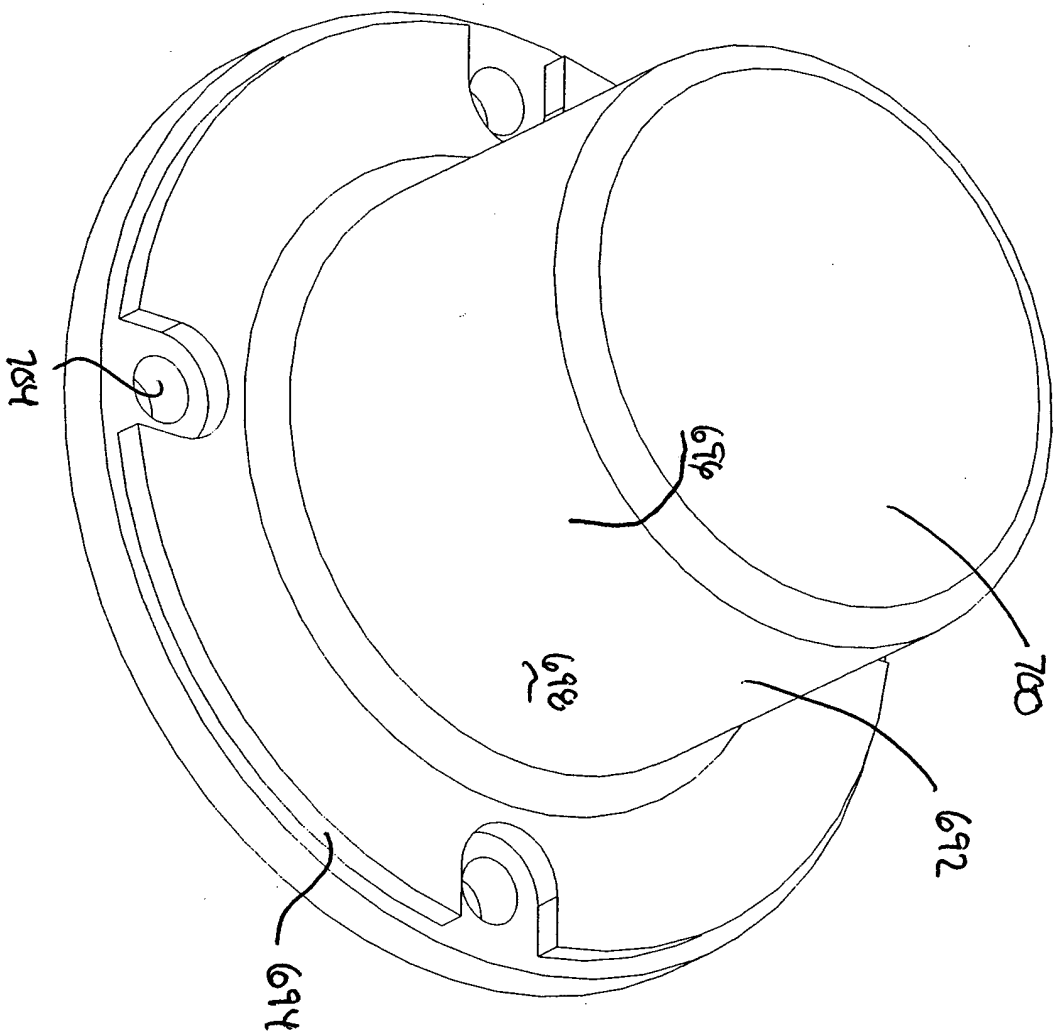


FIG. 86

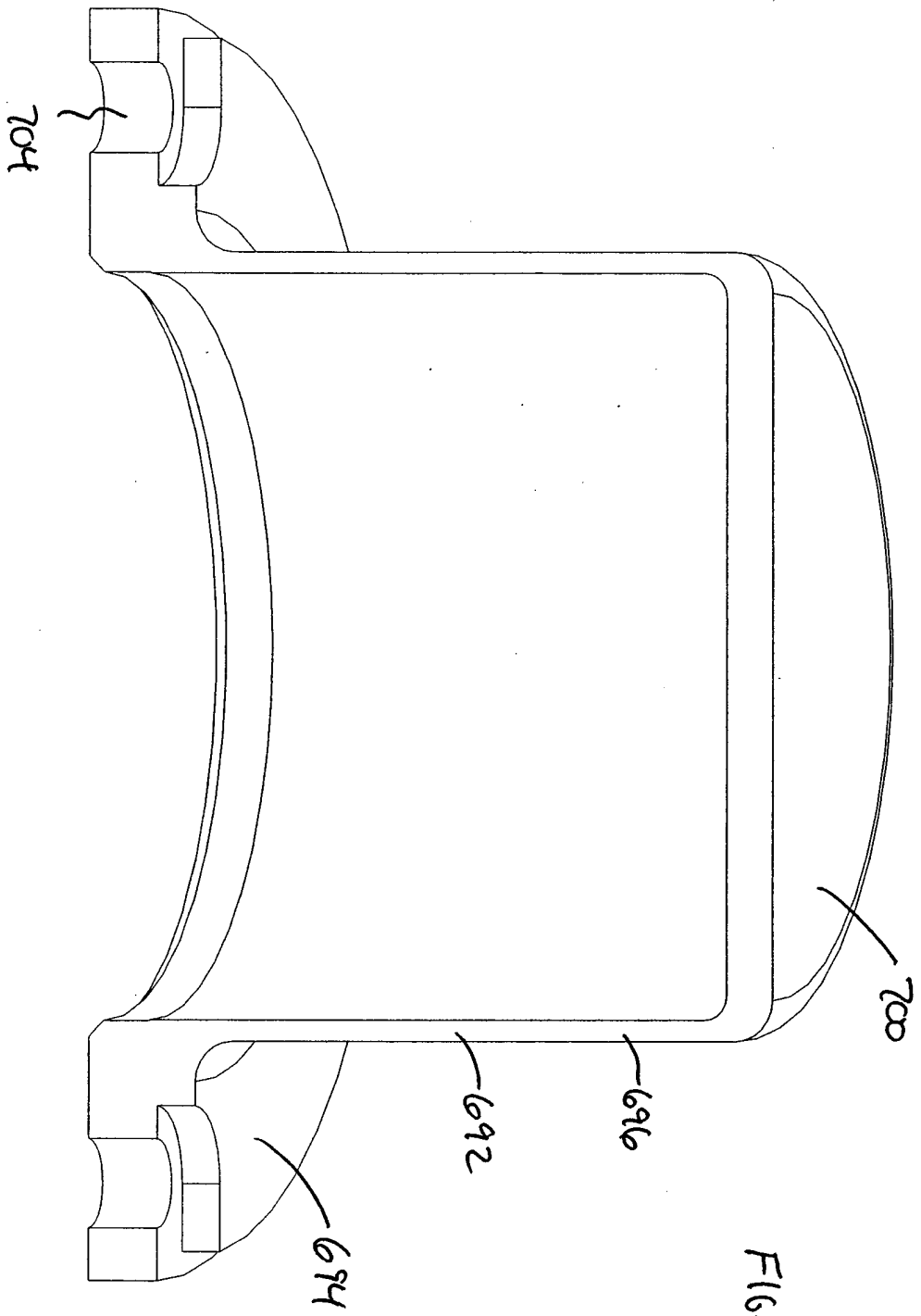
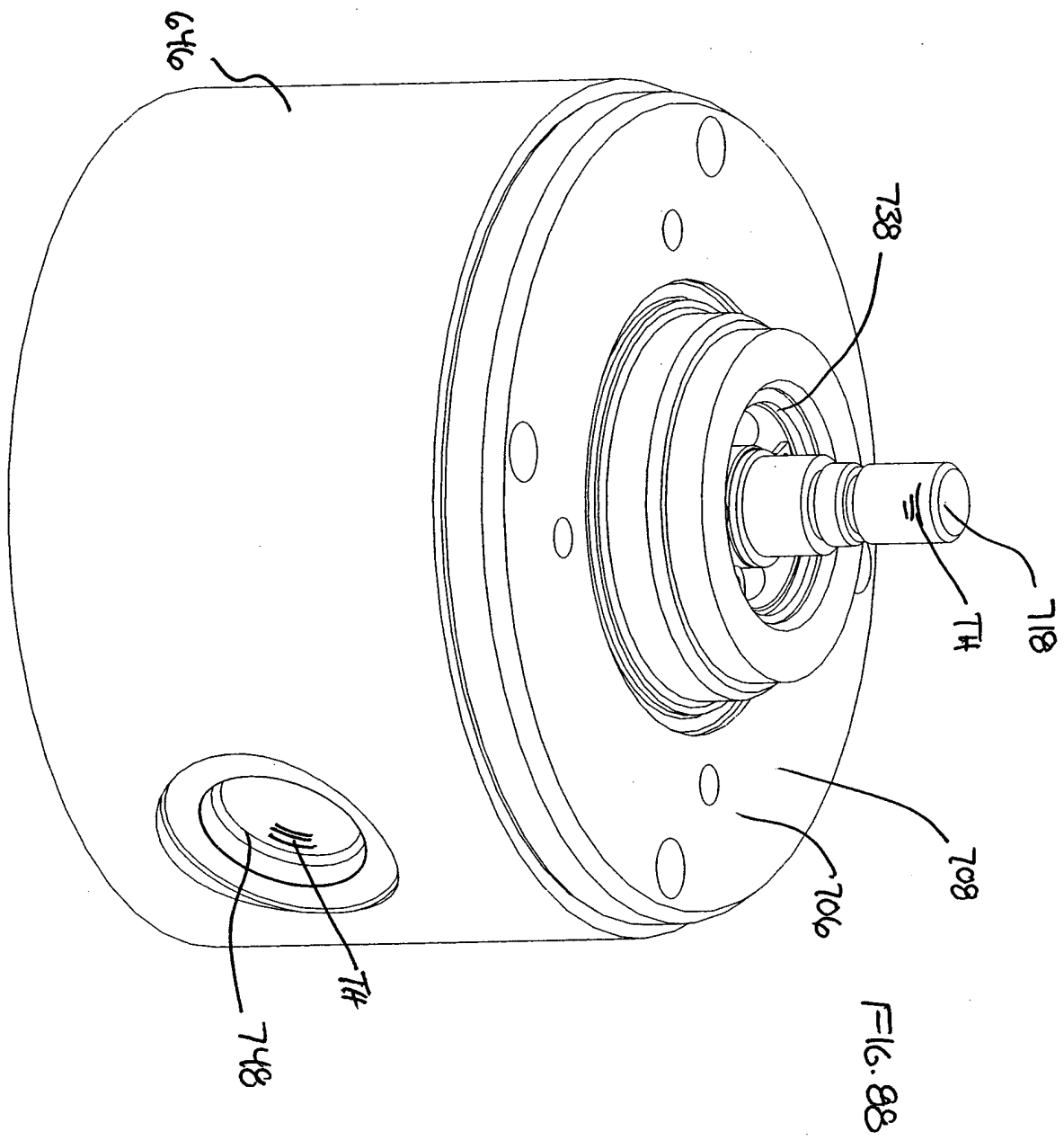


FIG. 87



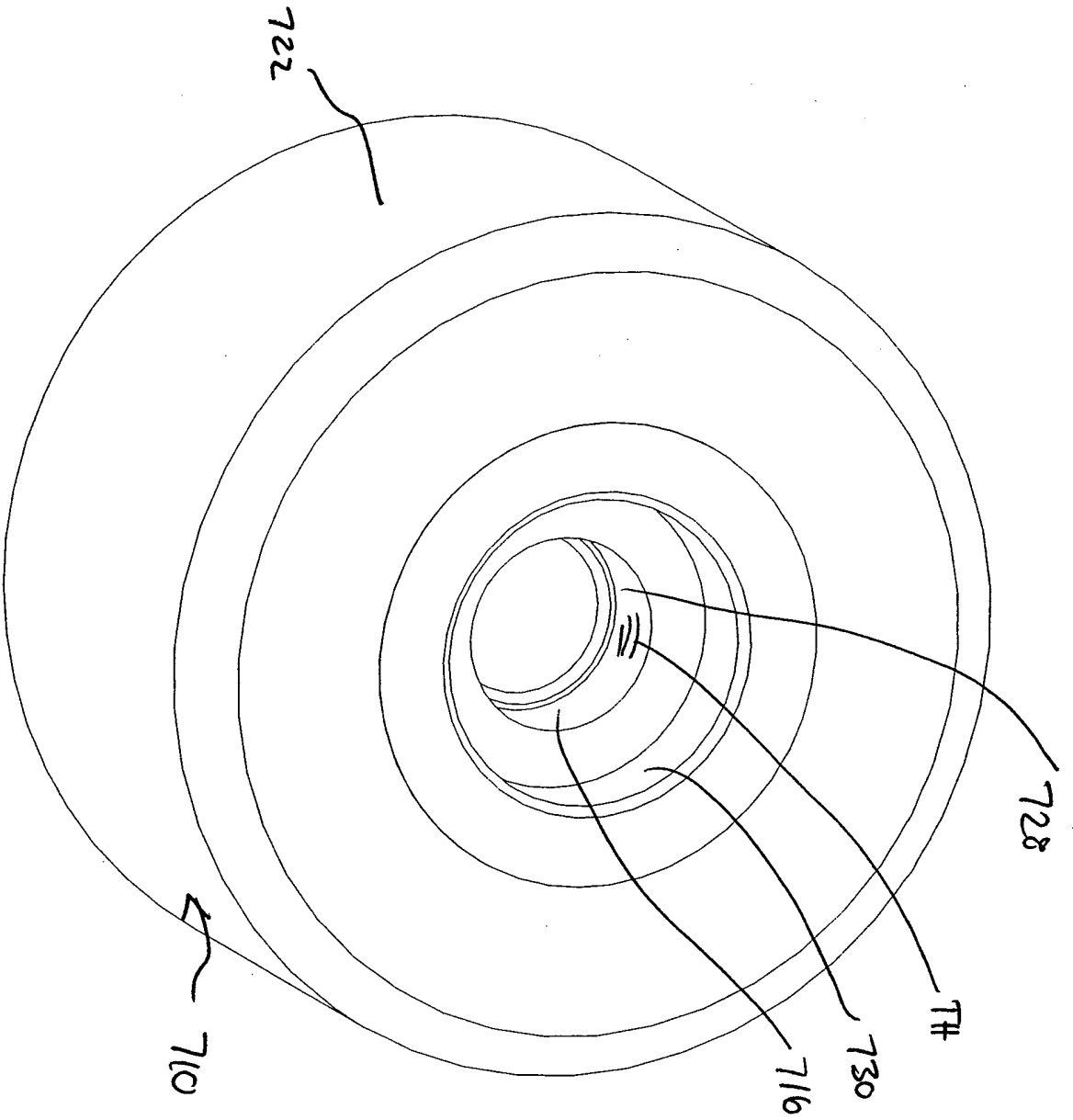


FIG. 89A

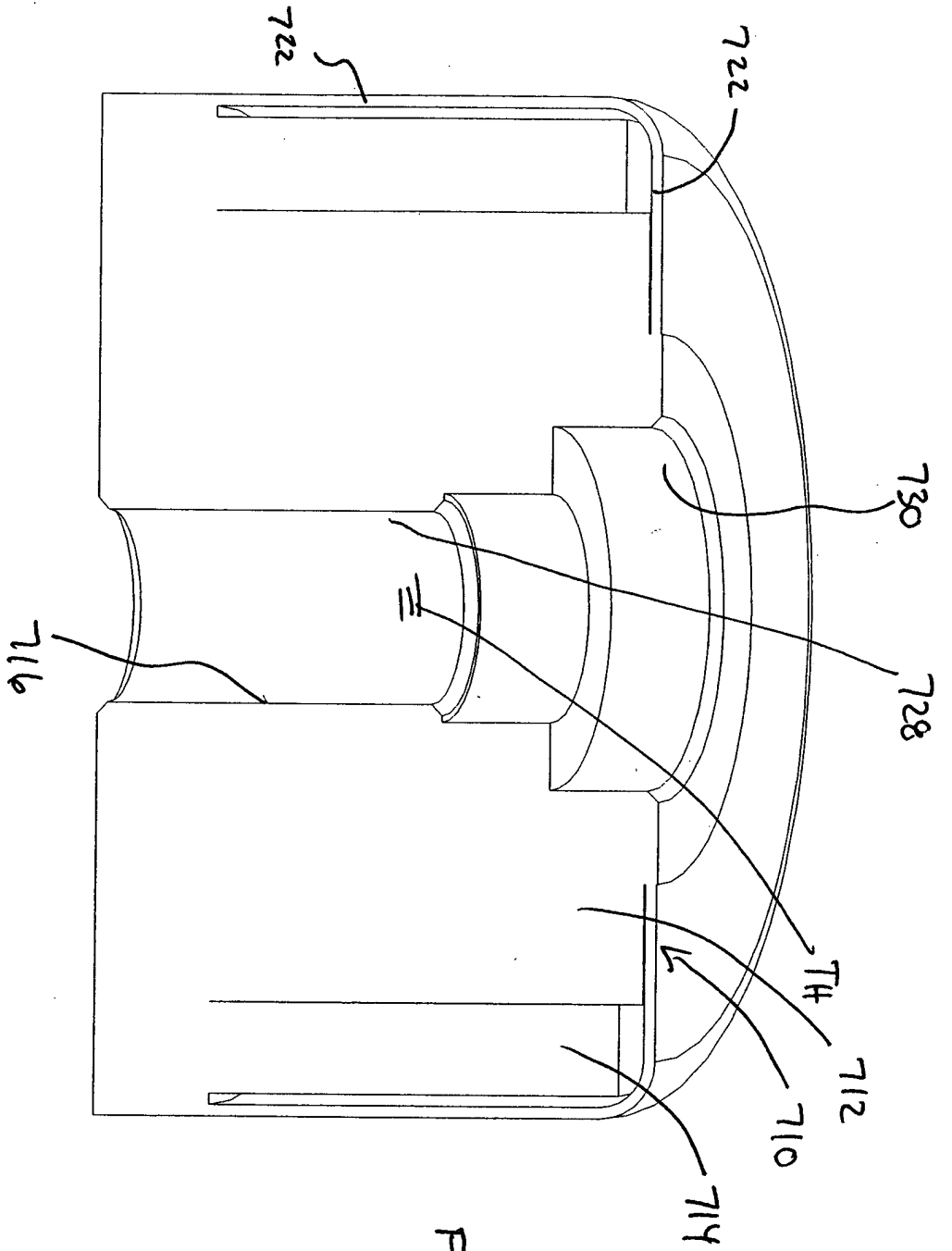


FIG 89B

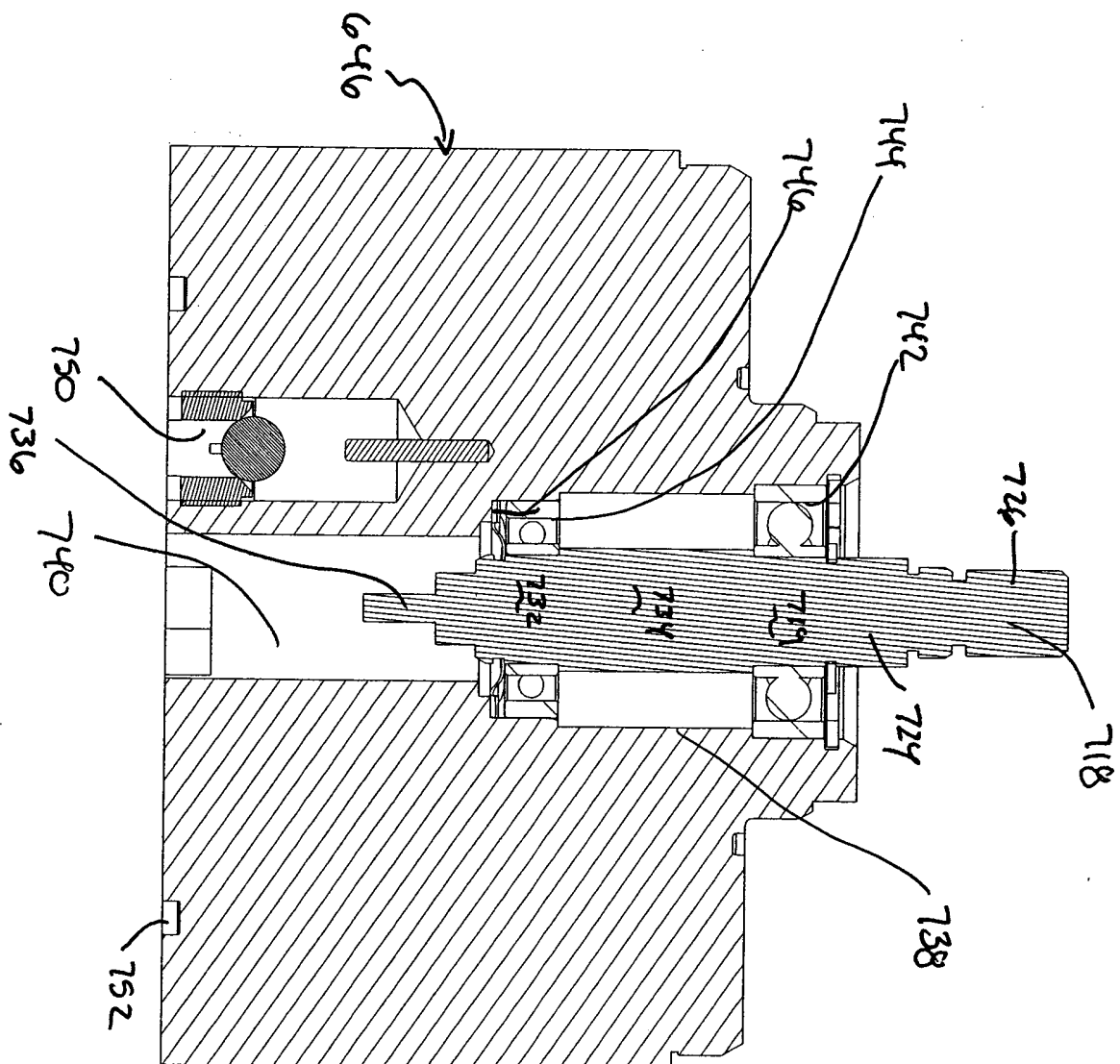


FIG. 90

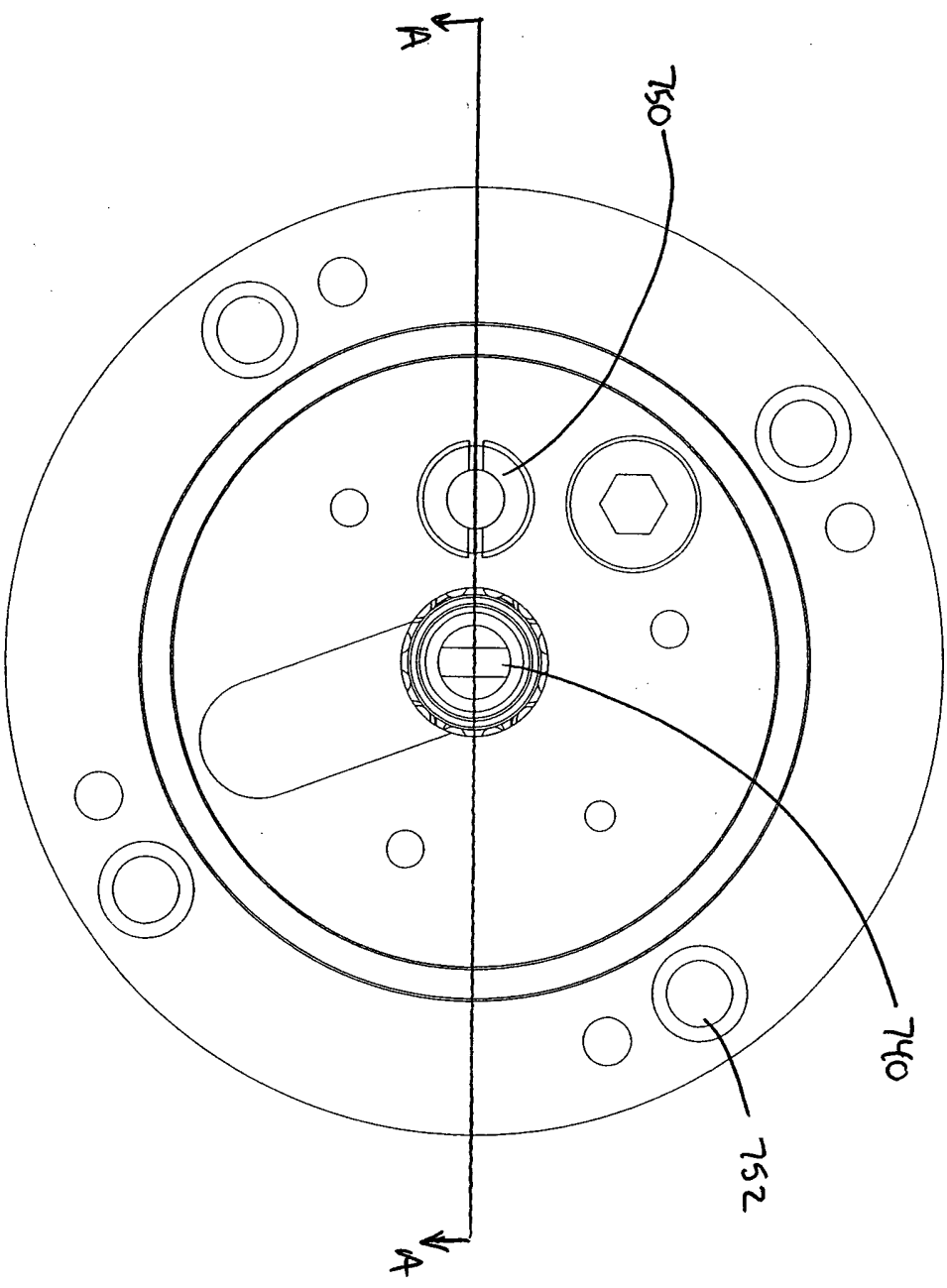


FIG. 91

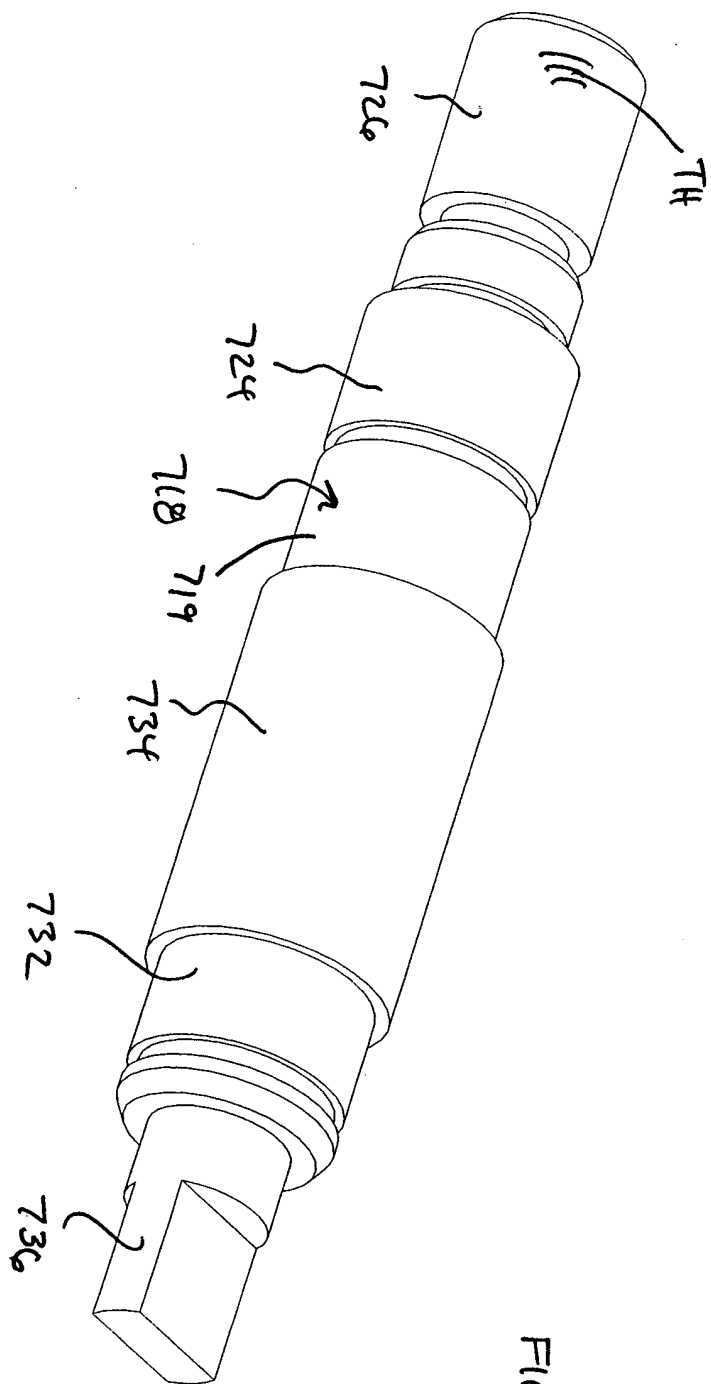


FIG. 92

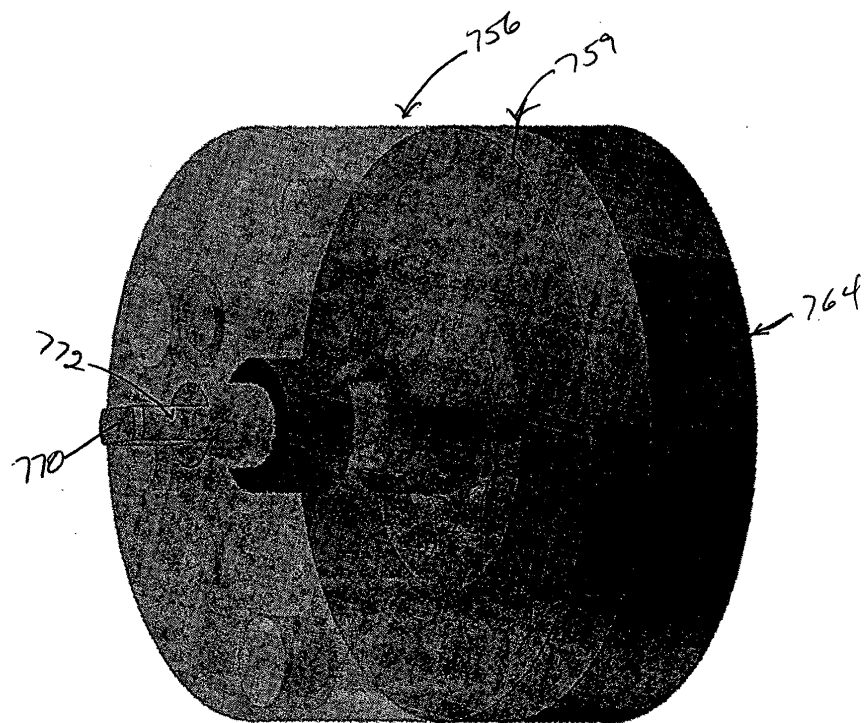
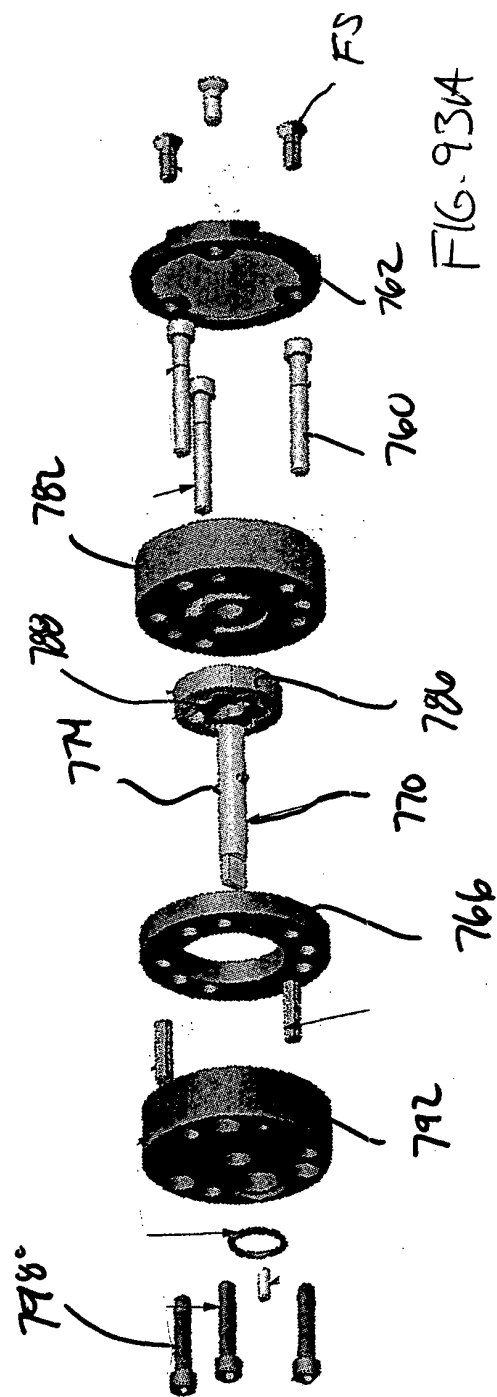


FIG. 93



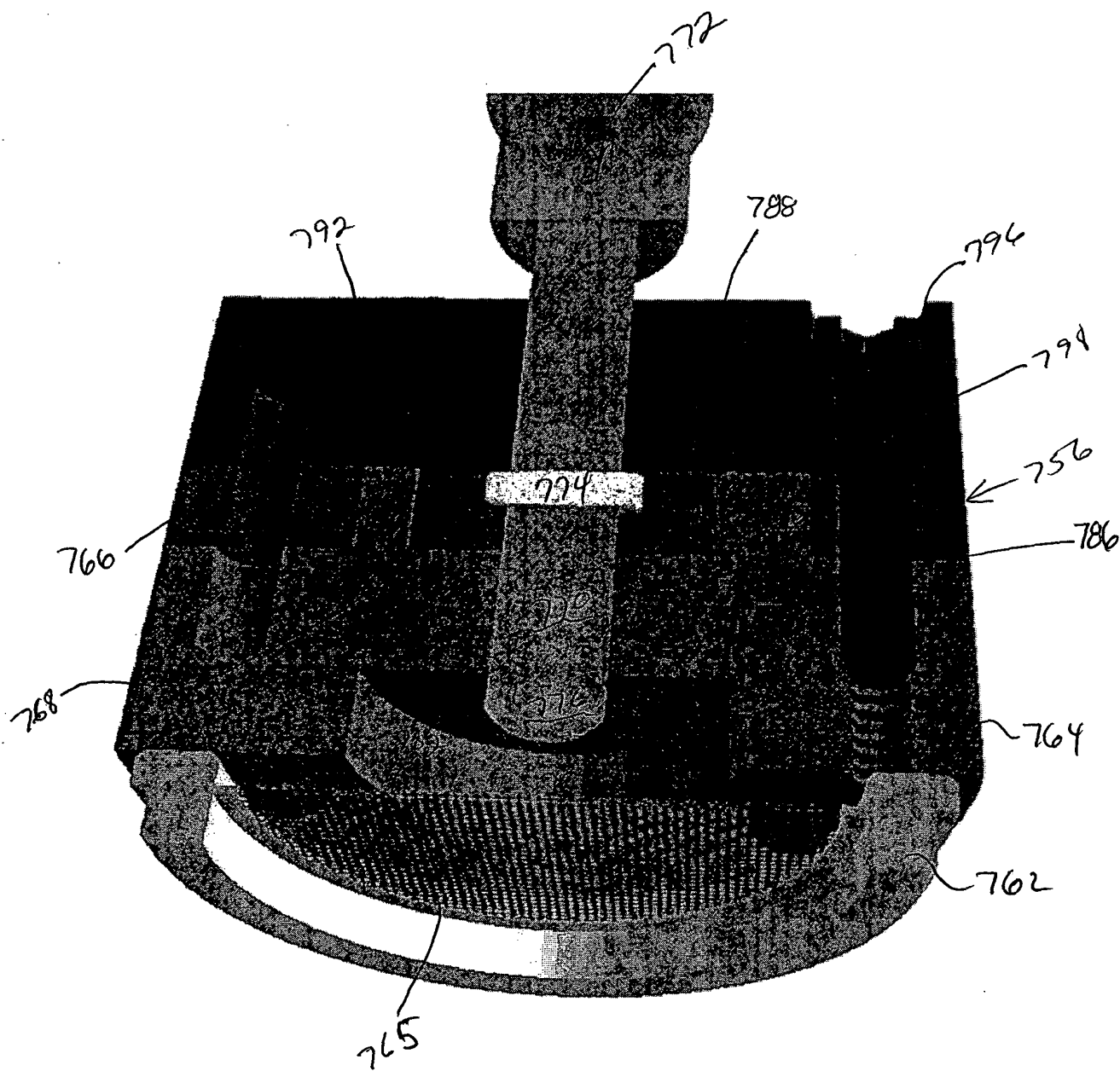


FIG. 94

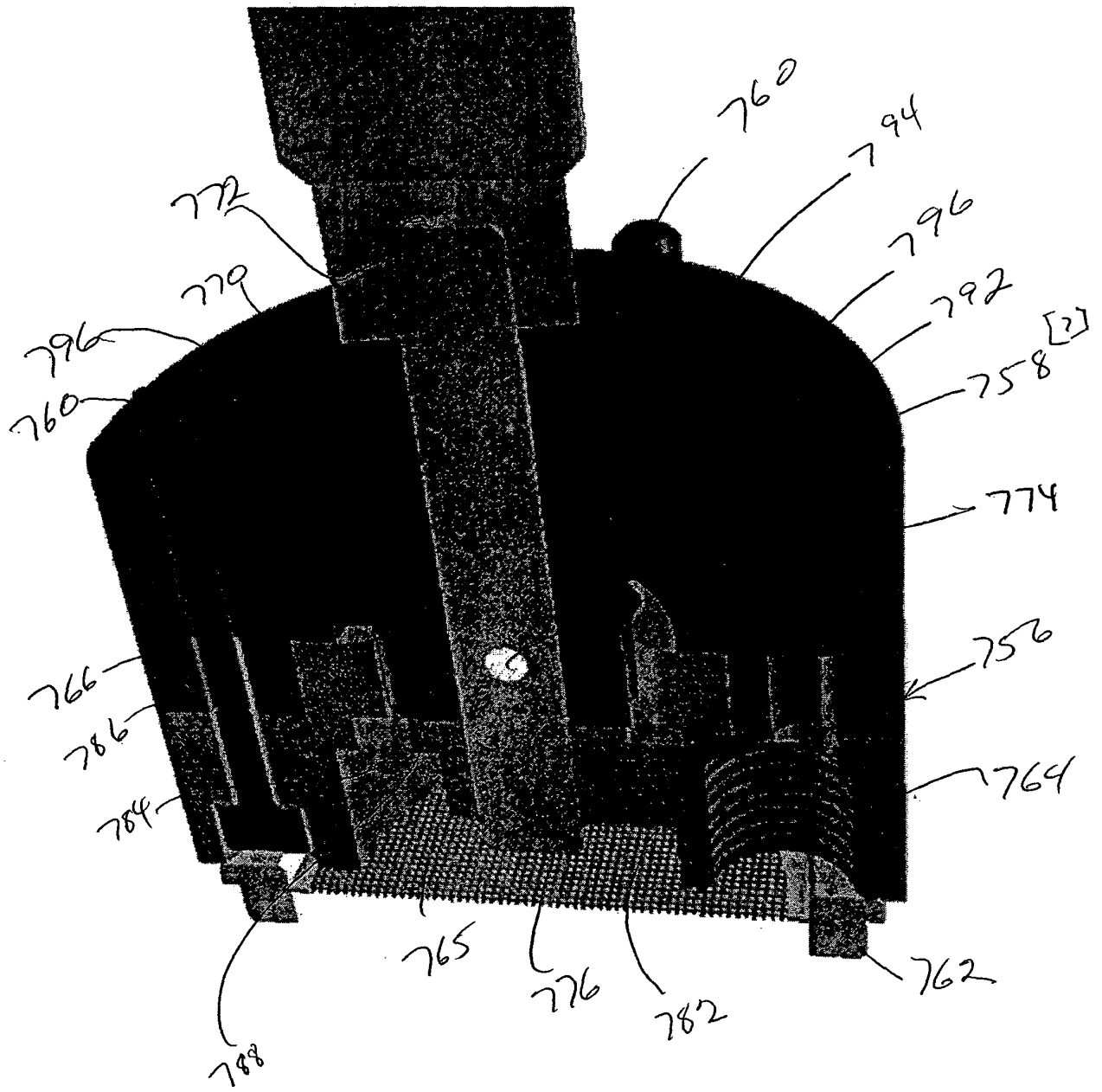
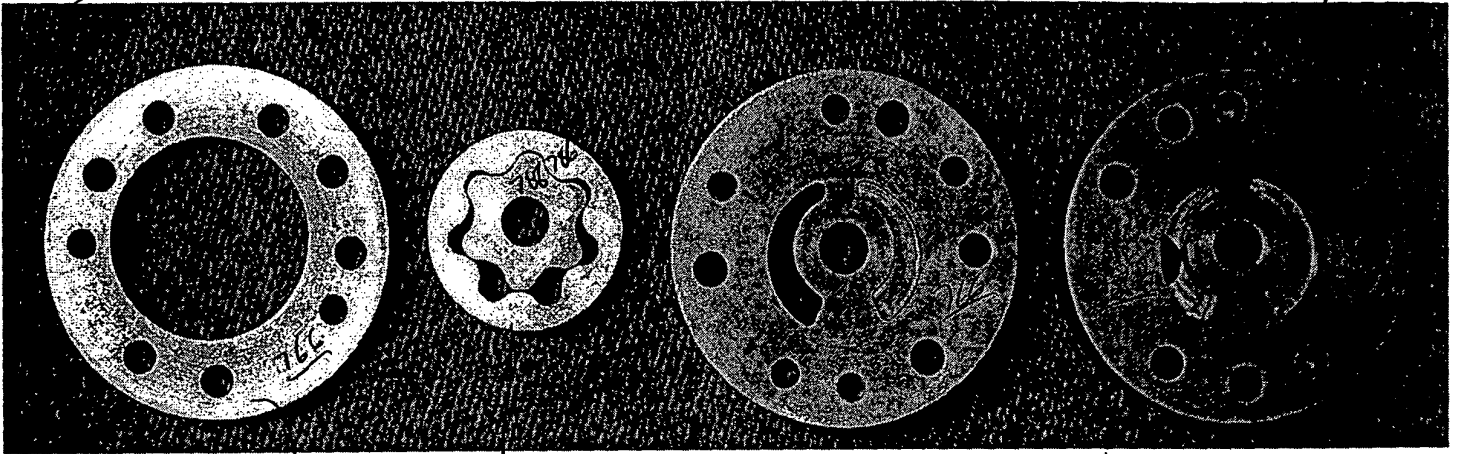


FIG. 95

FIG. 96

794



766

768

792

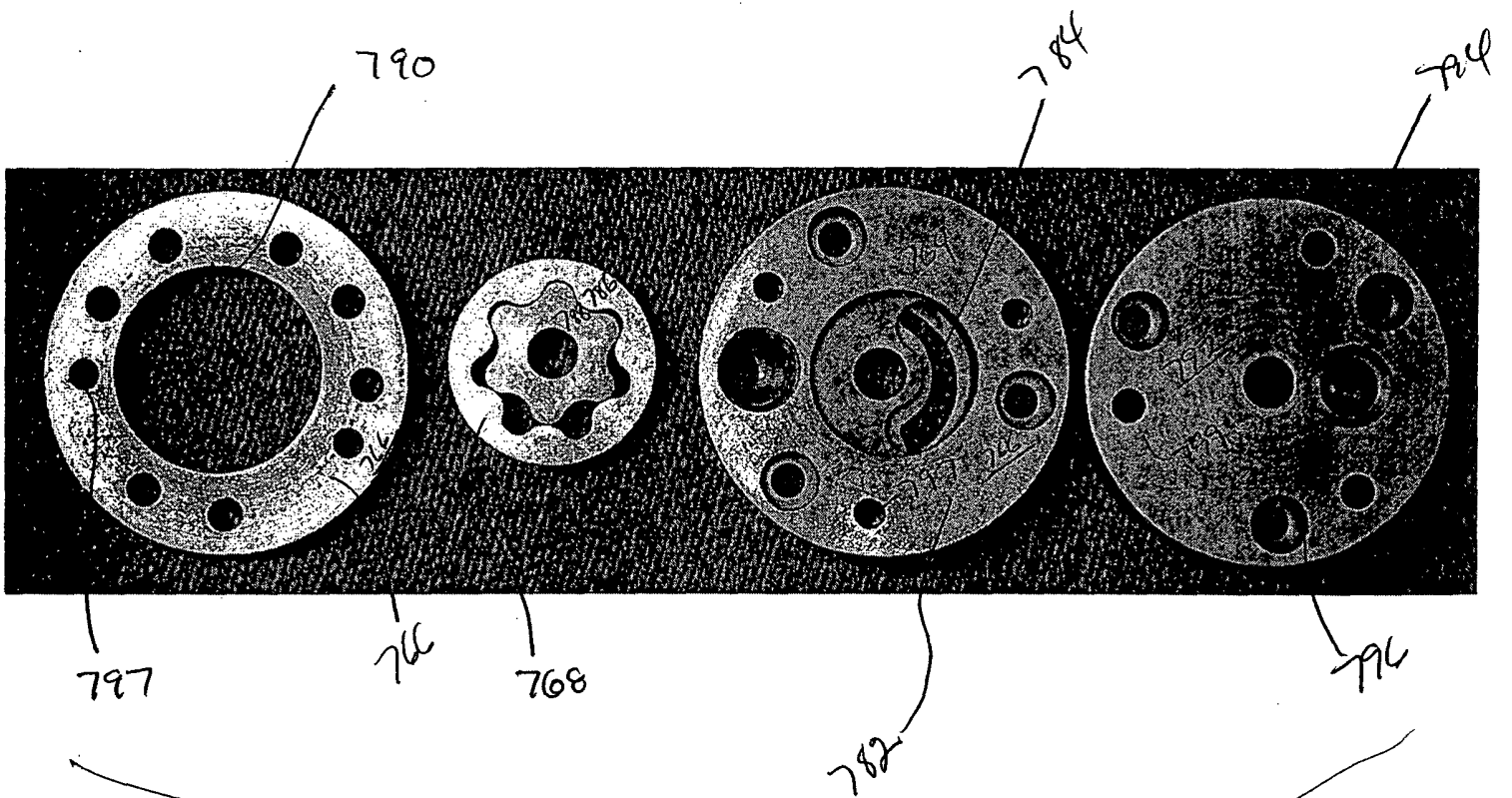


FIG. 97

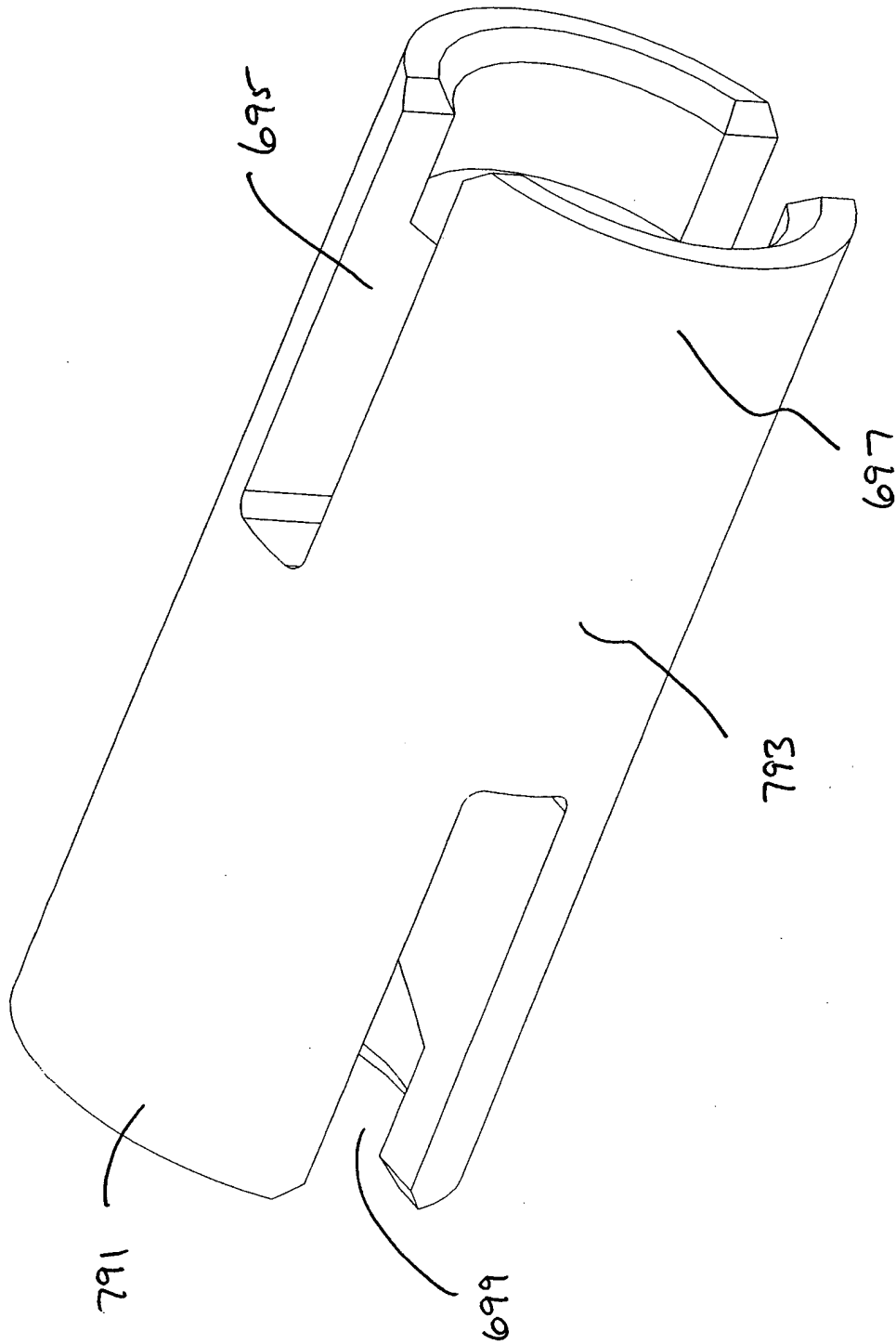


FIG. 98

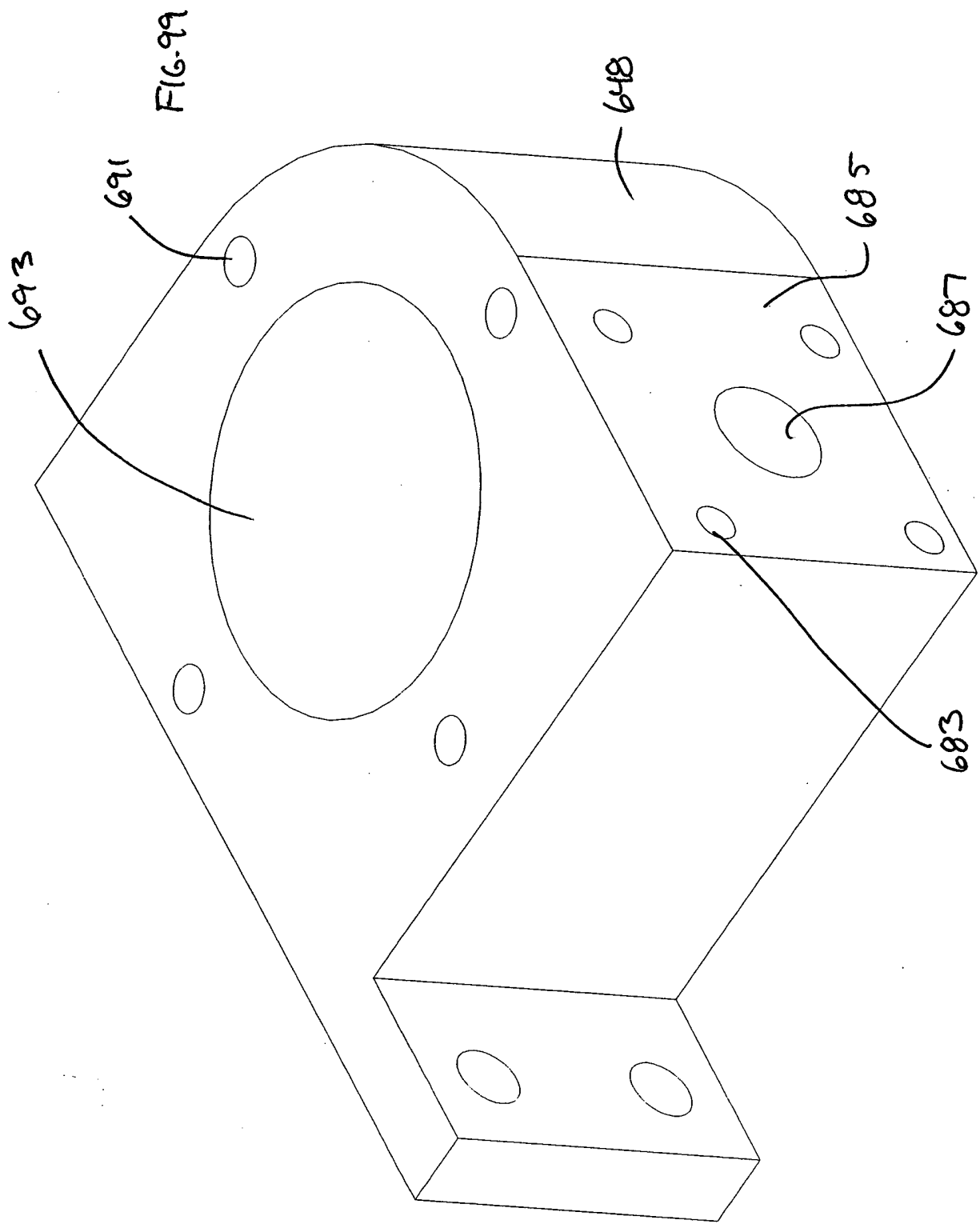
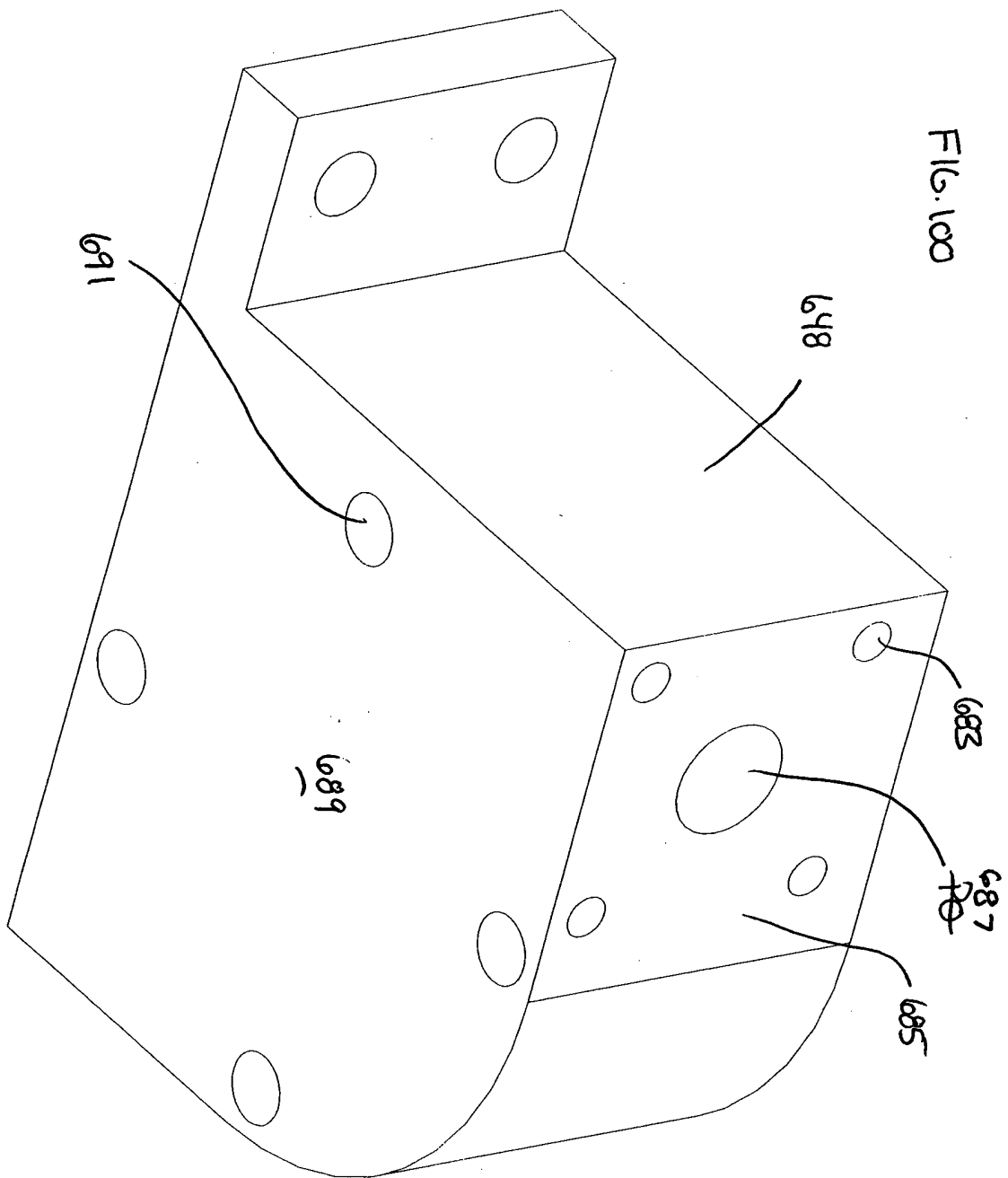
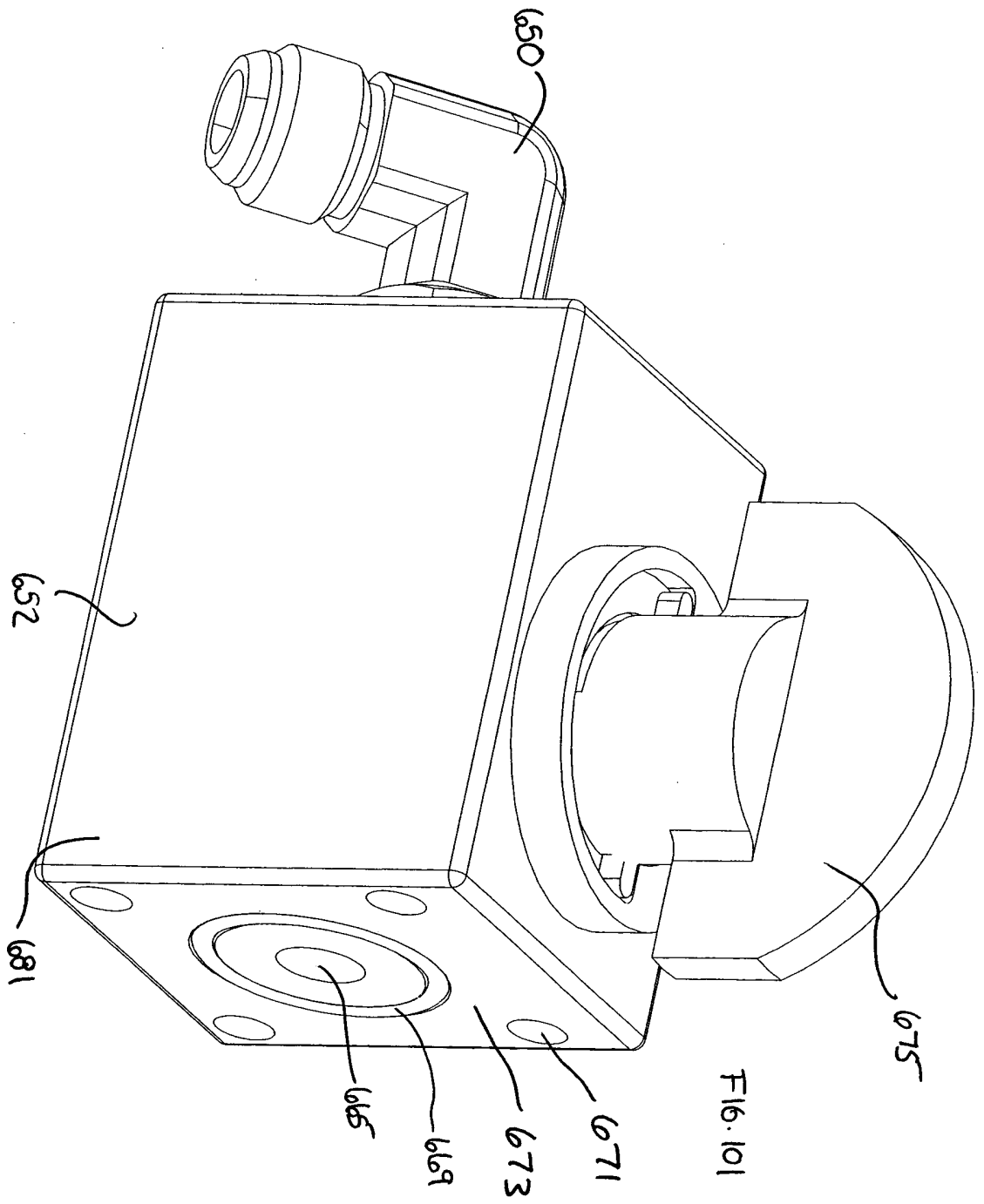


FIG. 100





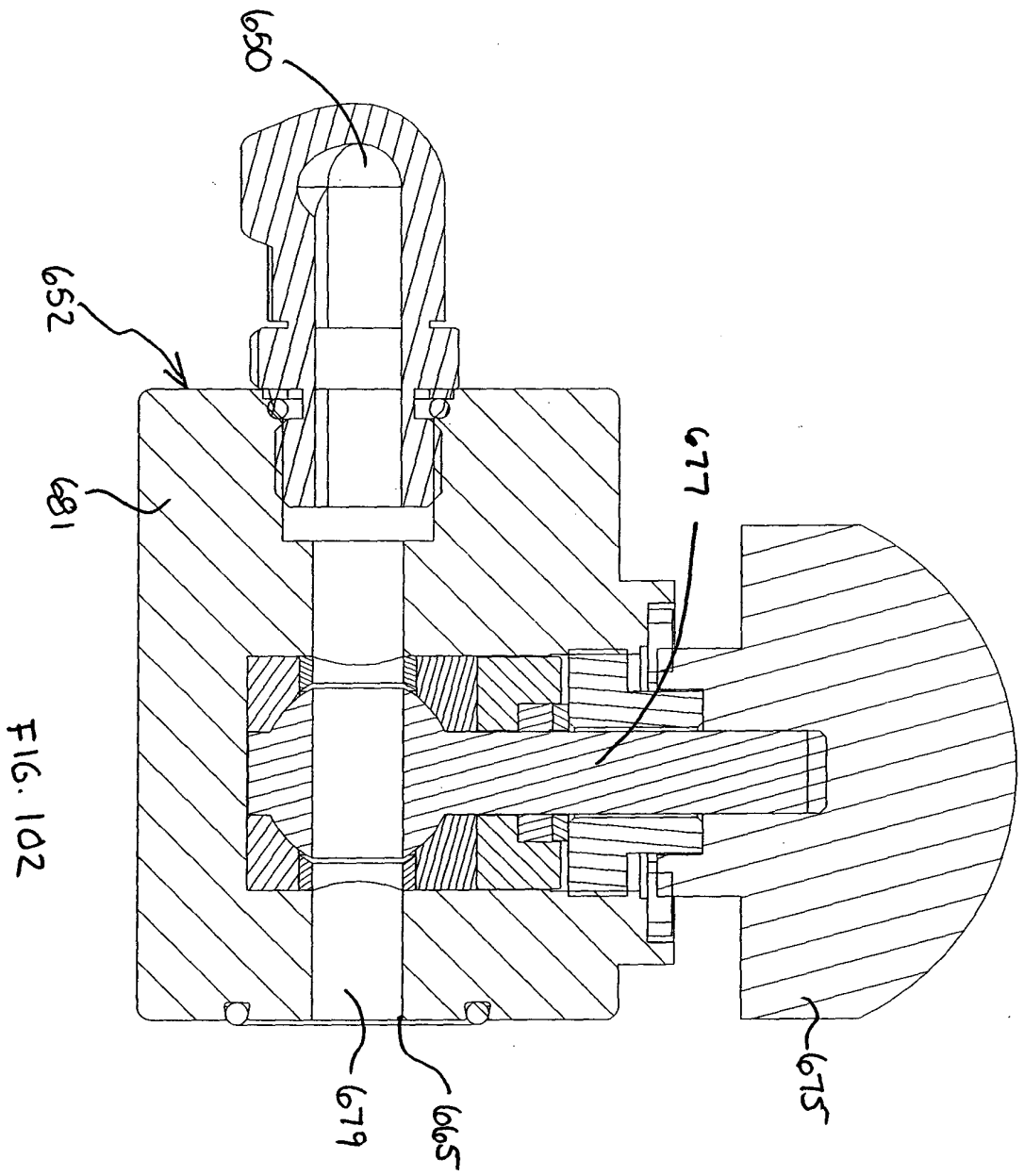
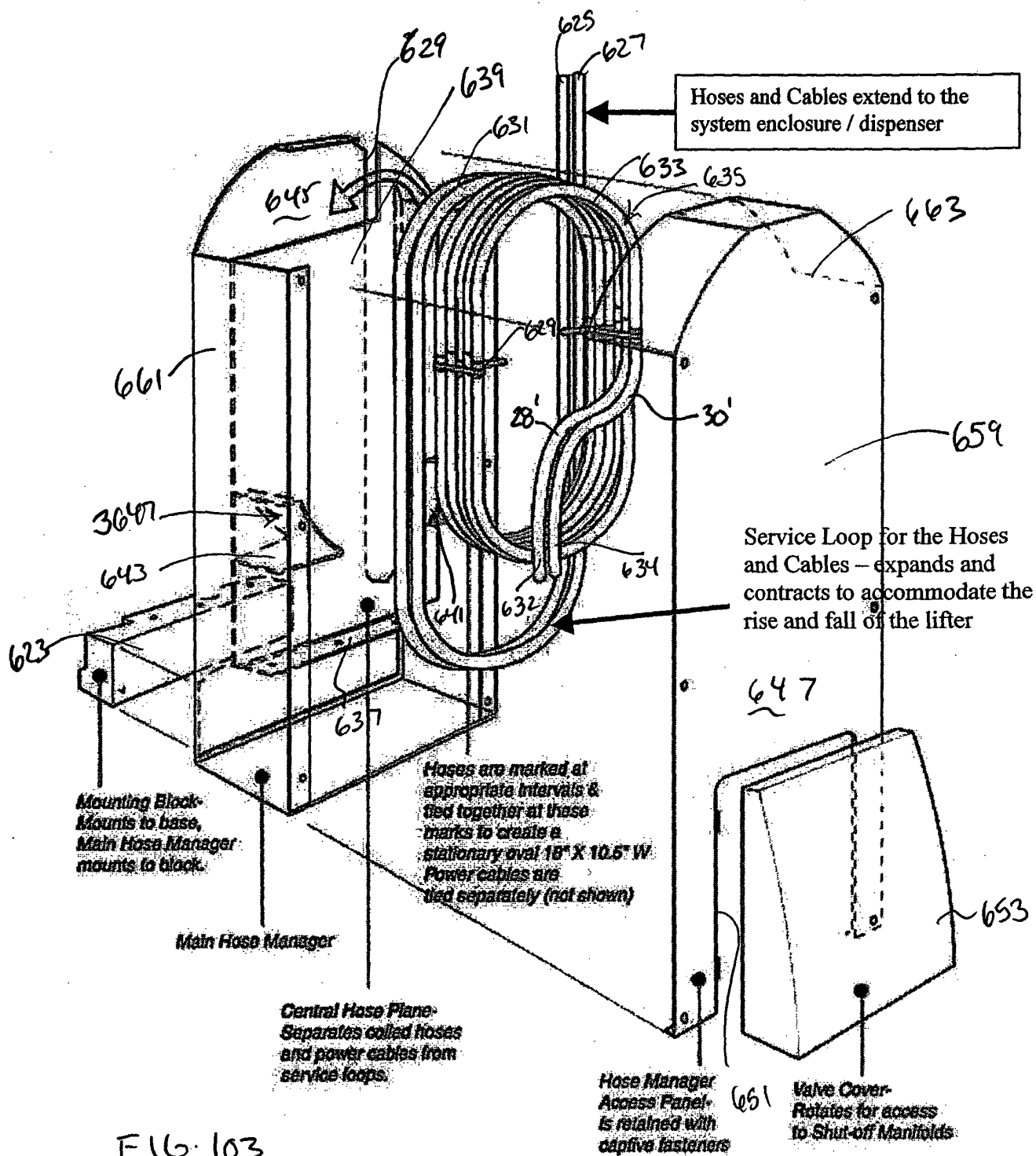


FIG. 102



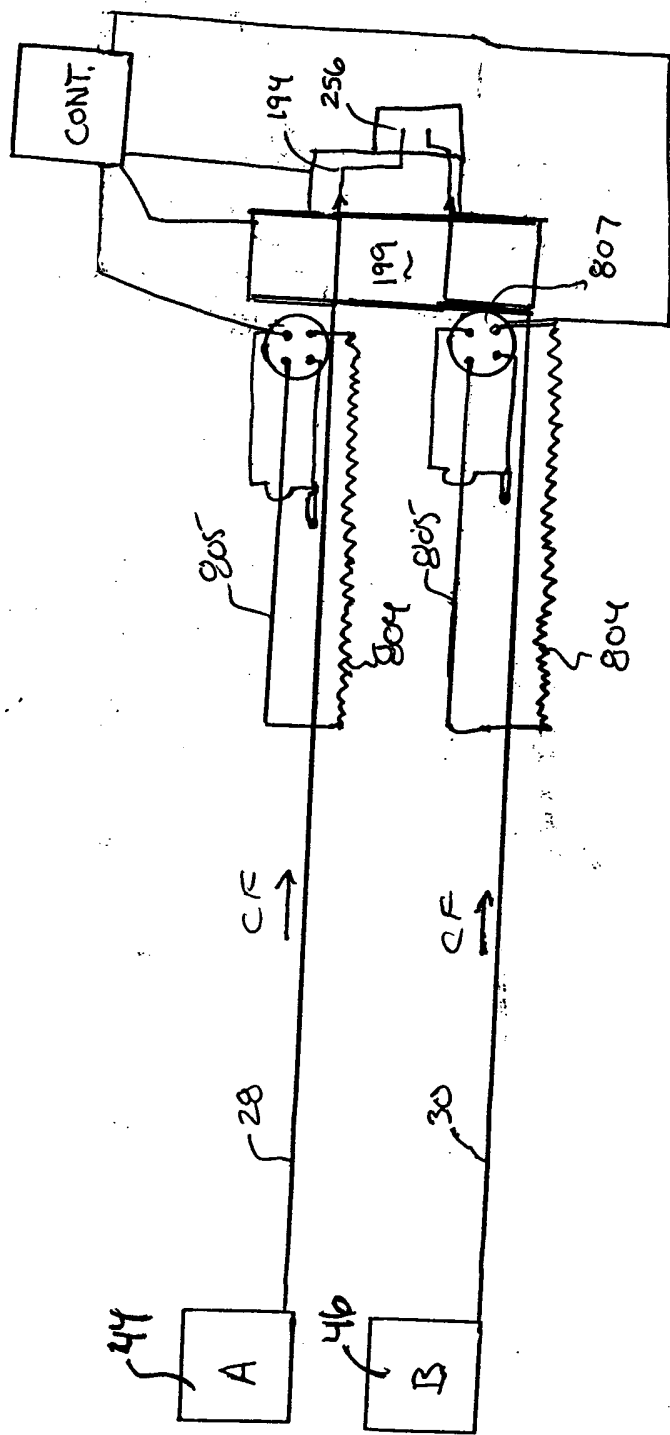


FIG. 104

FIG. 10S

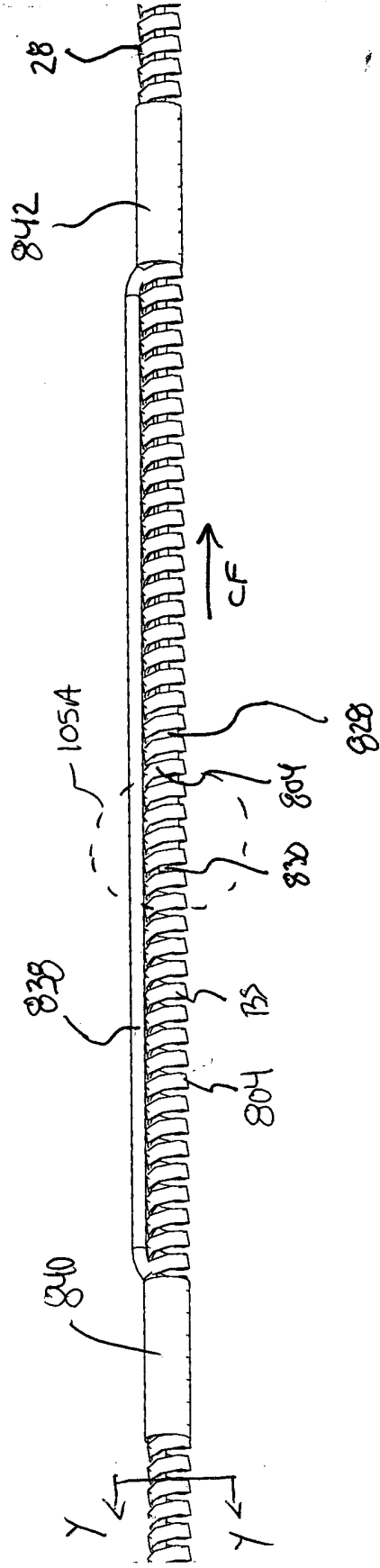


FIG. 105A

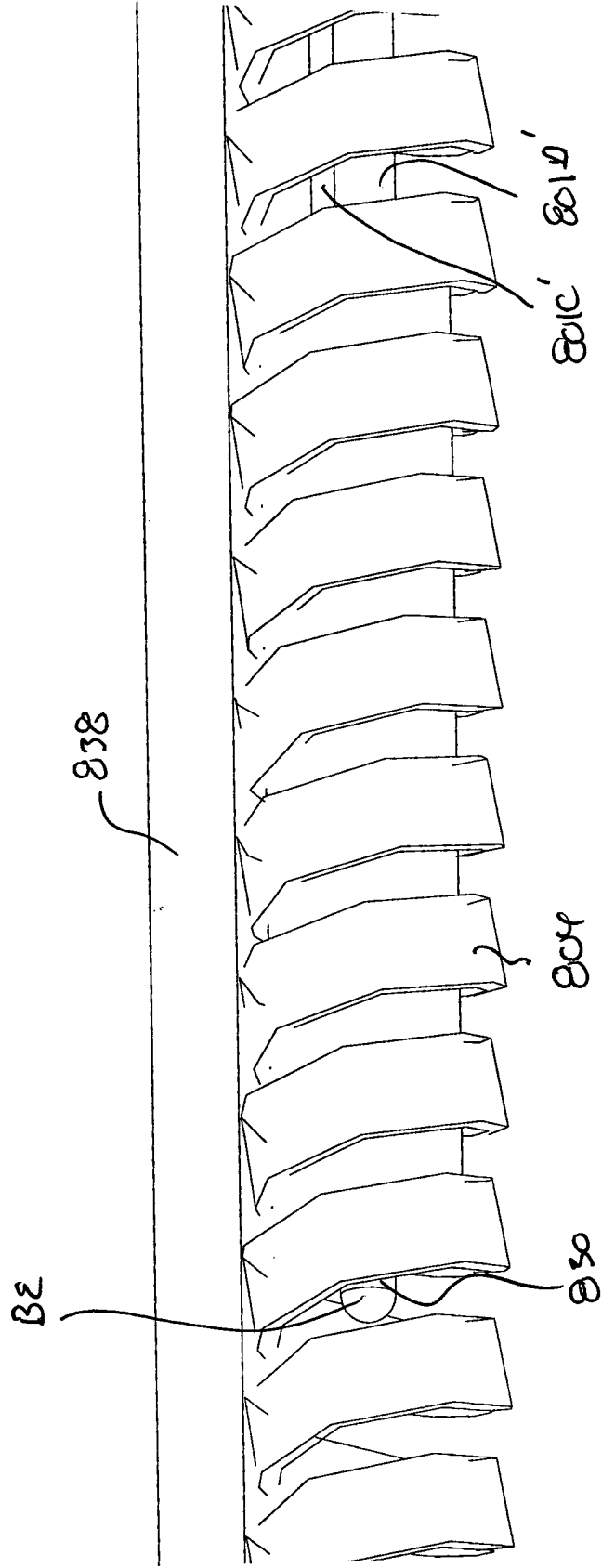
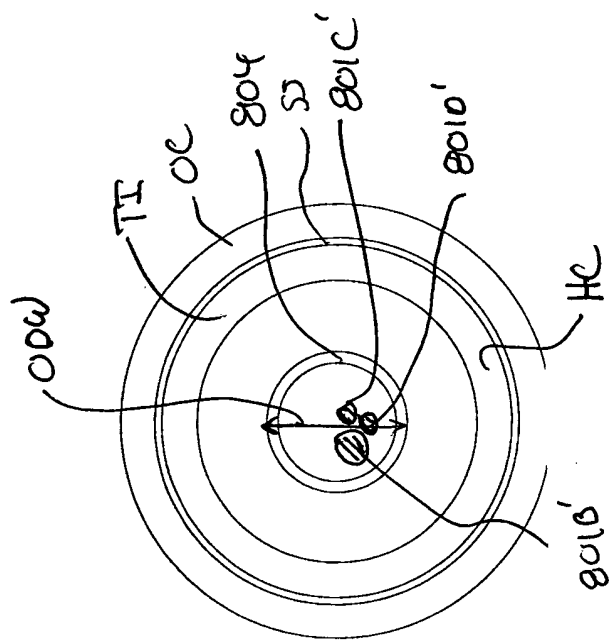


FIG. 106



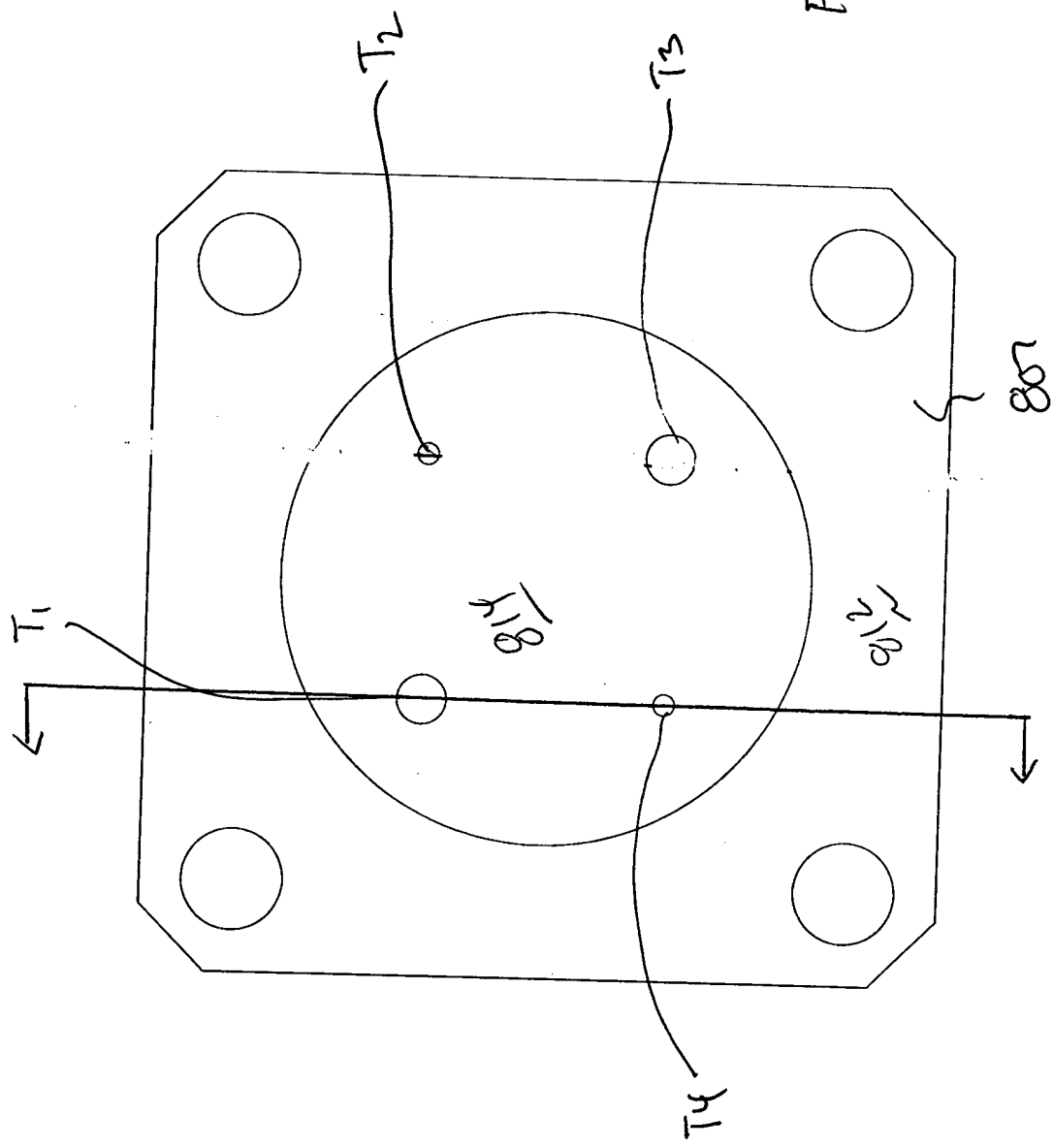


FIG. 107

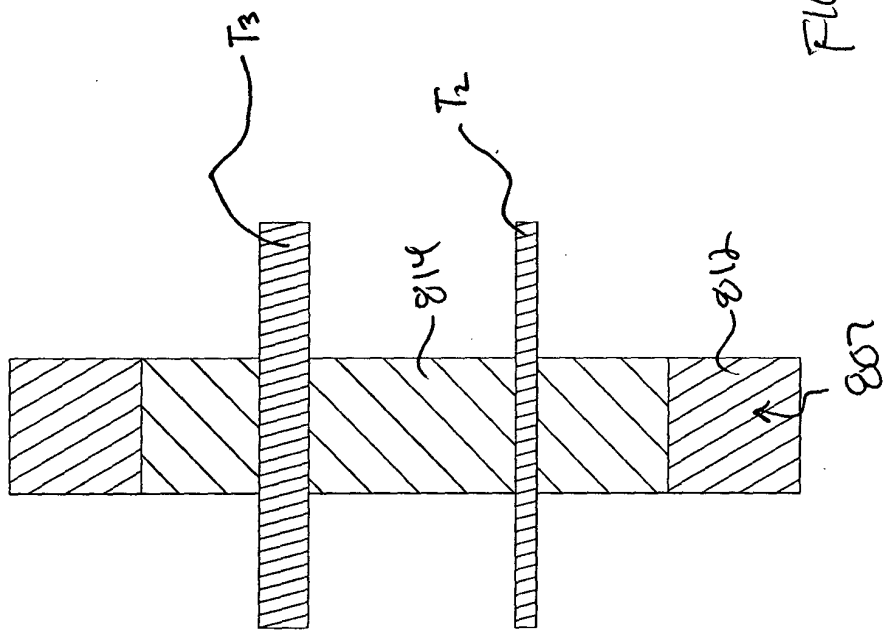


FIG. 108

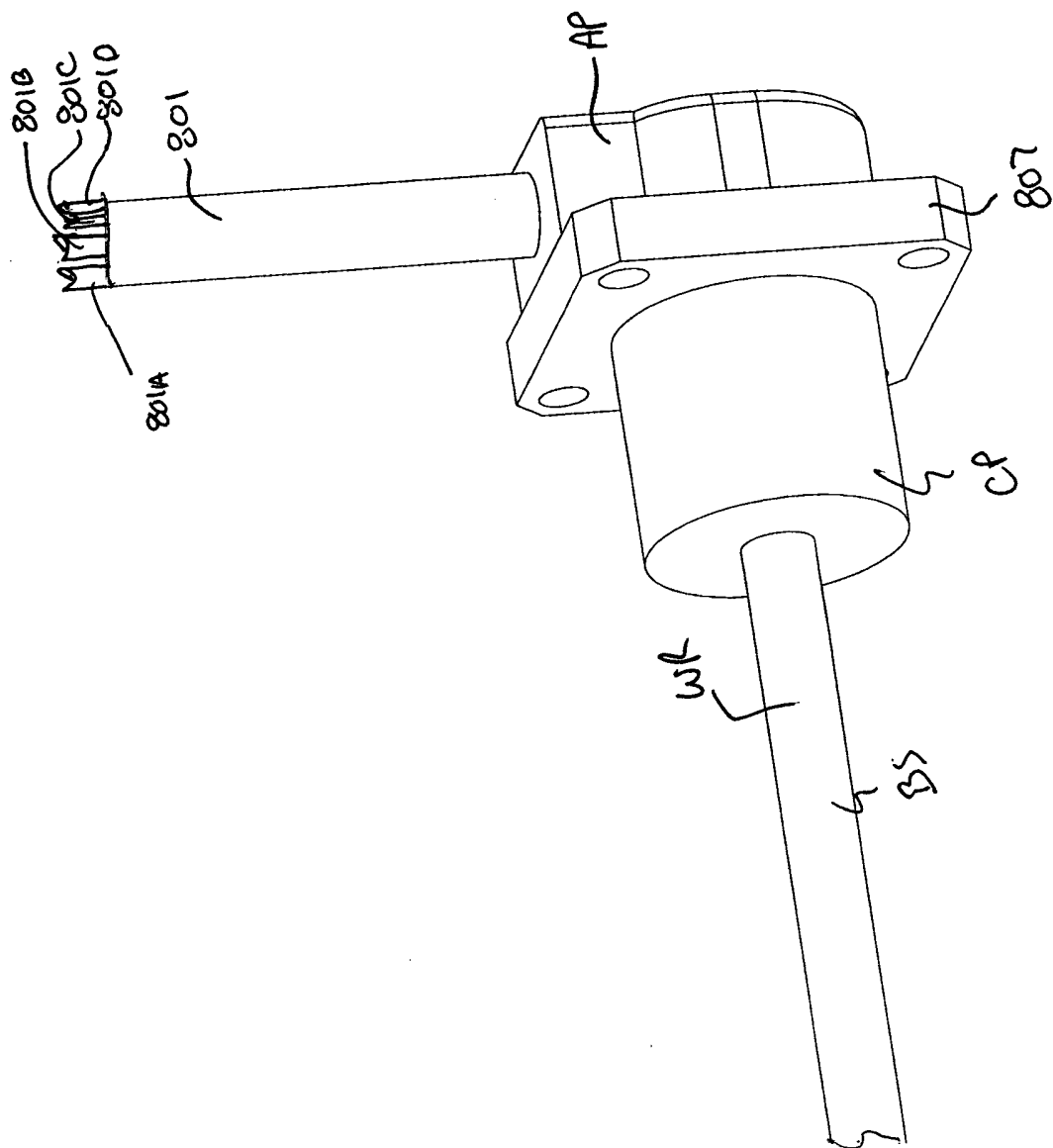


FIG. 109

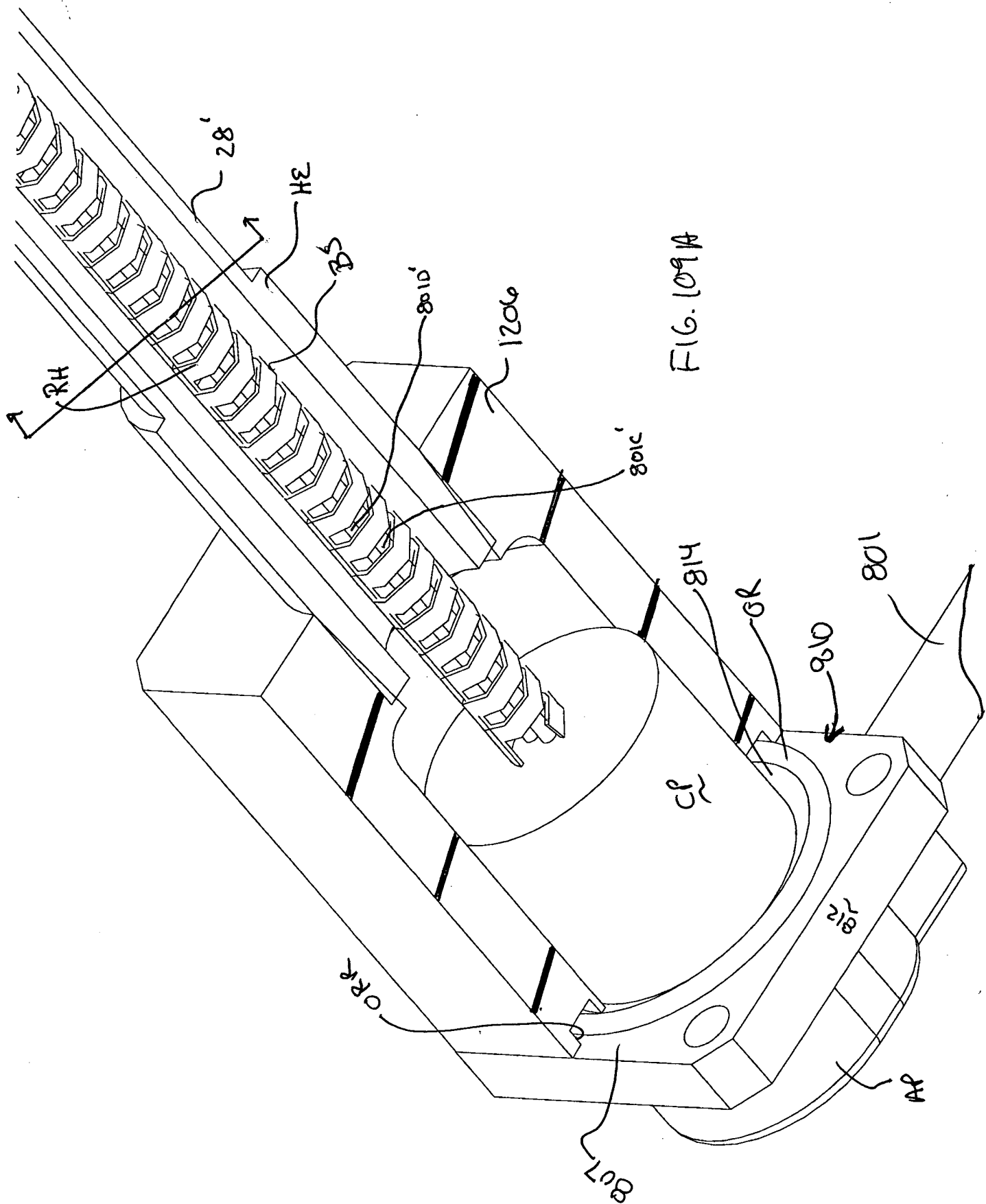
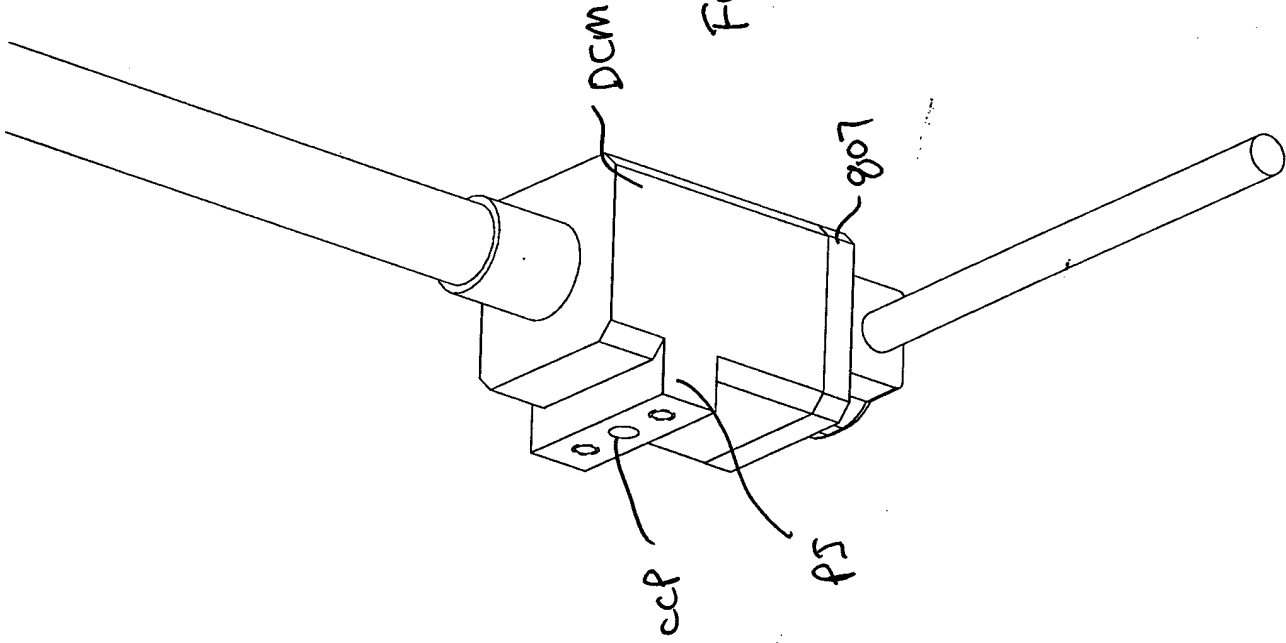
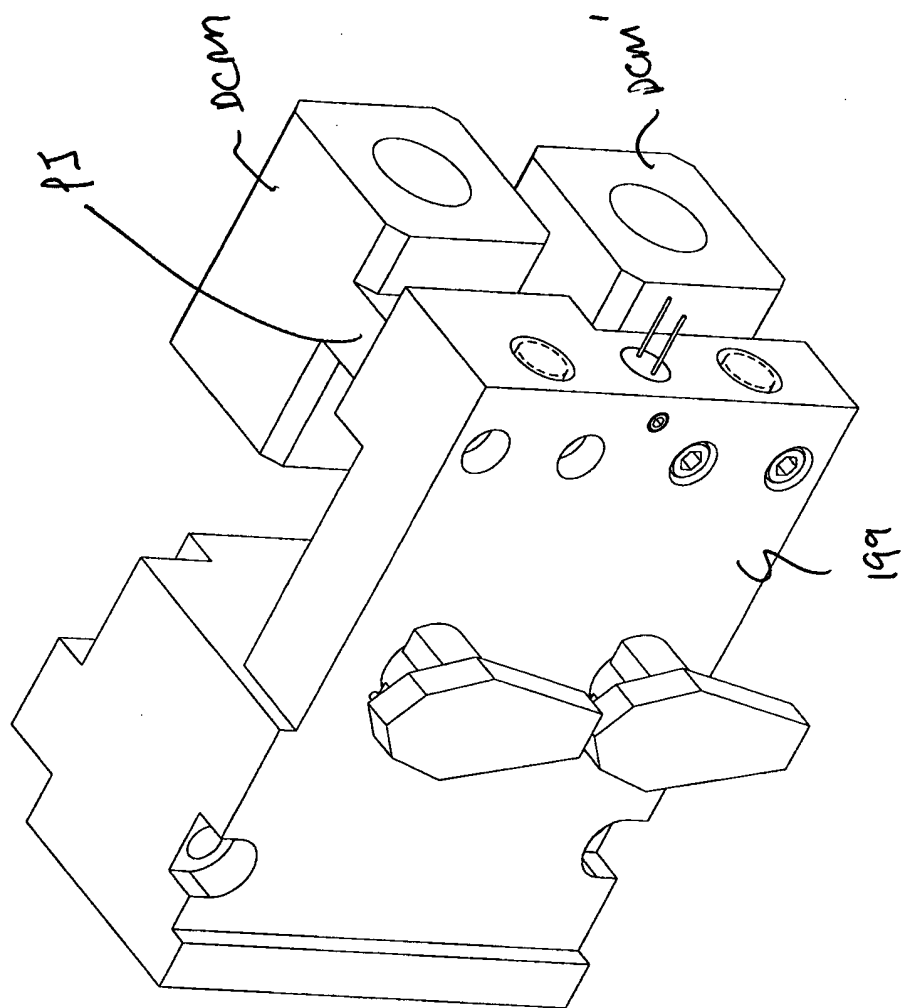


FIG. 109B





109C

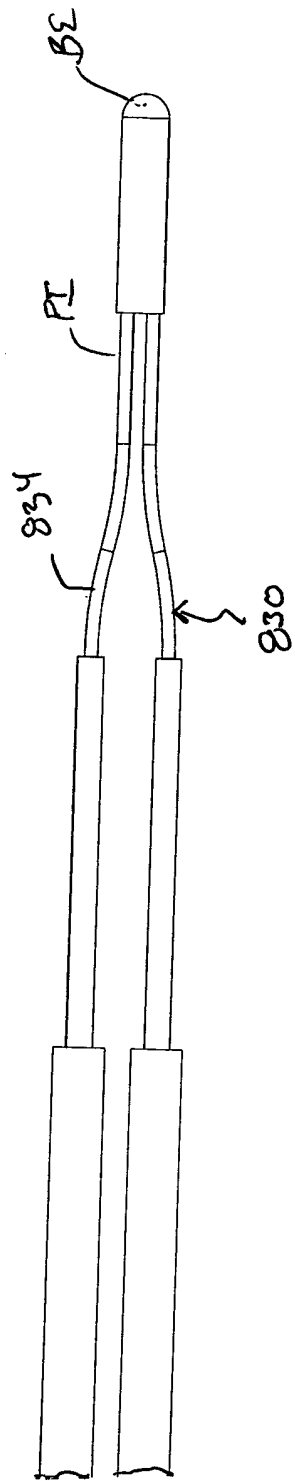


FIG. 110

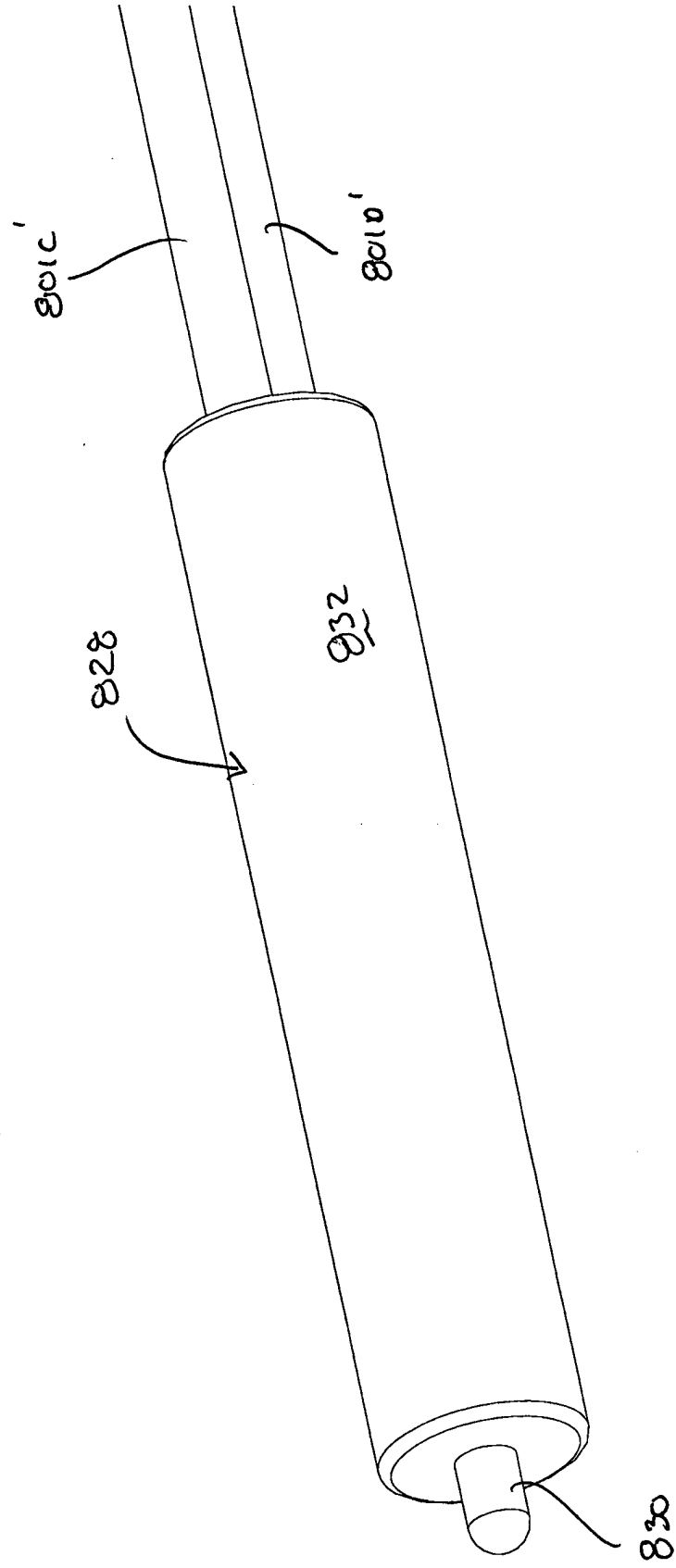


FIG. 110A

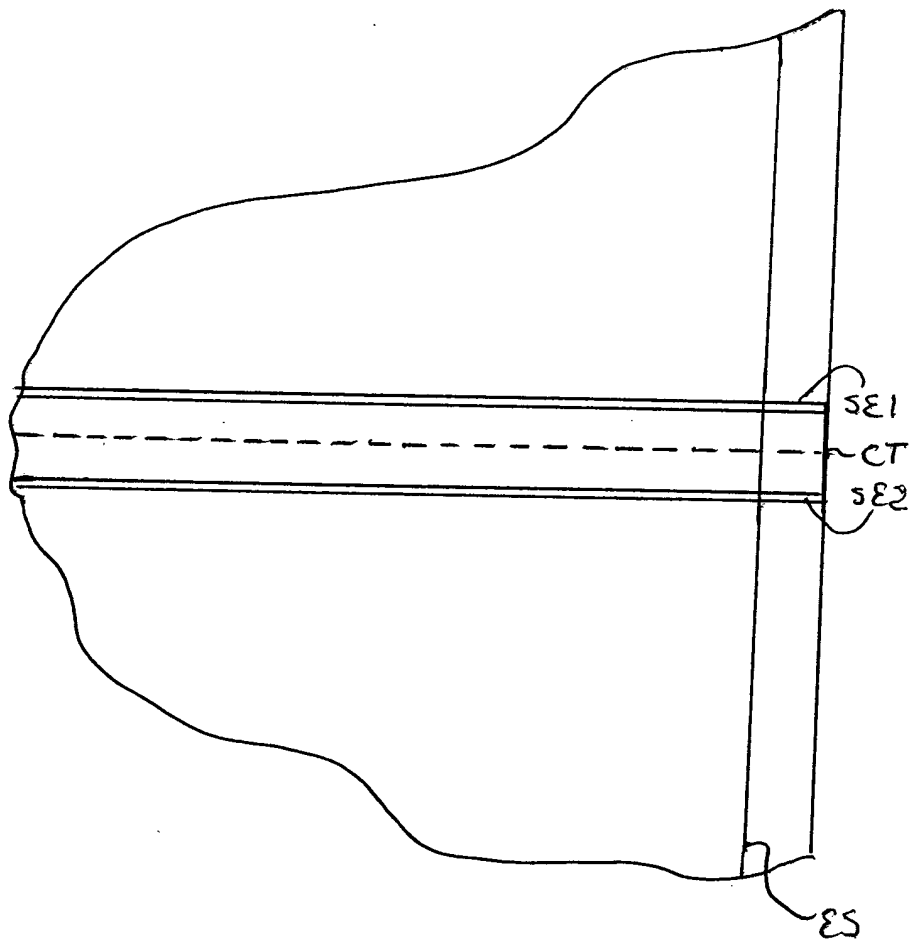


FIG. III

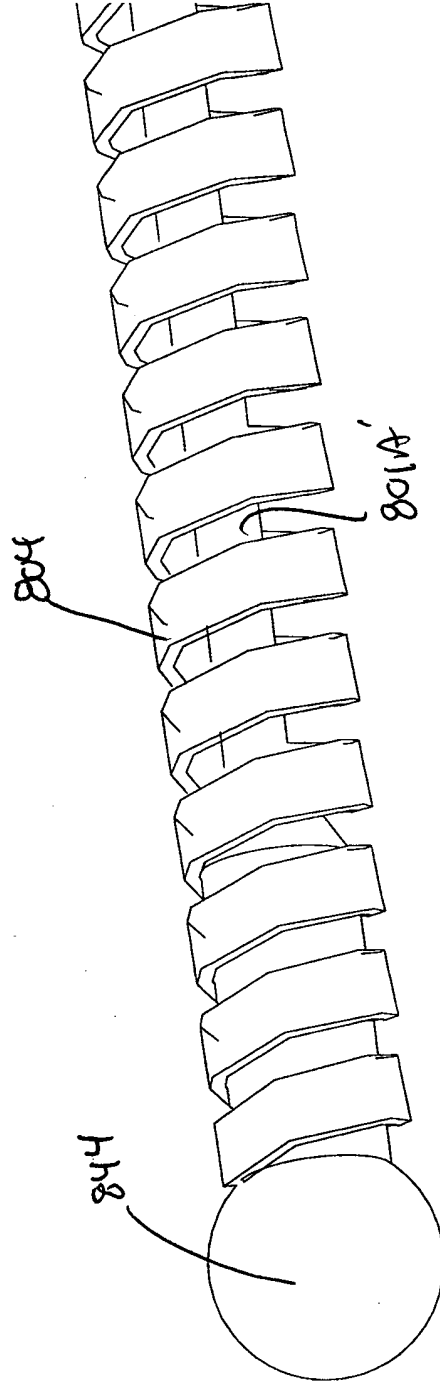


FIG. 112

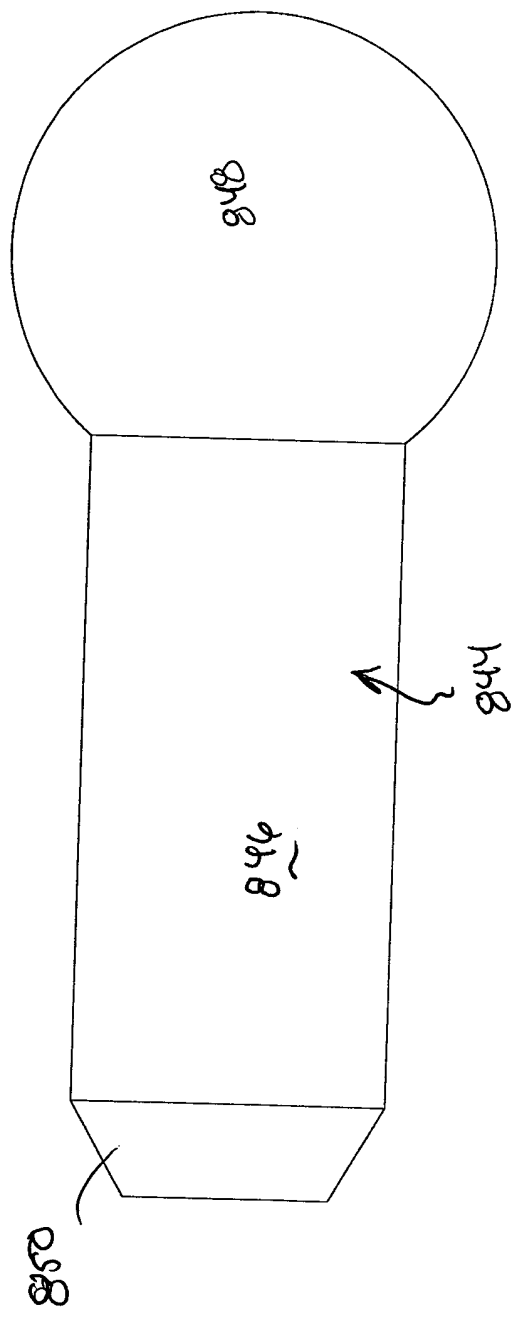


FIG. 113

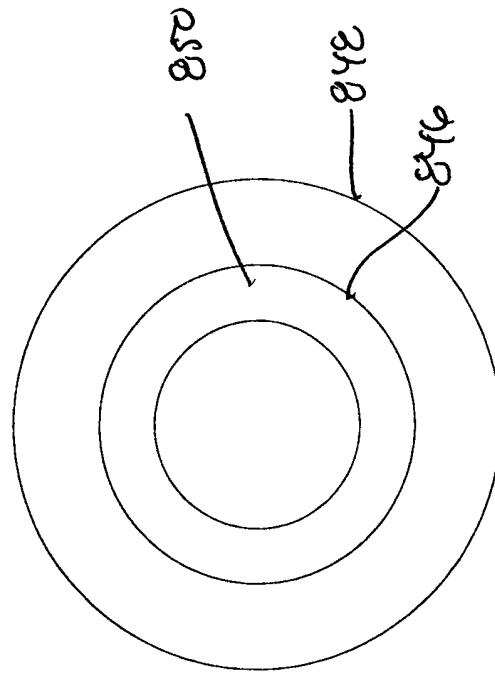


FIG. 113A

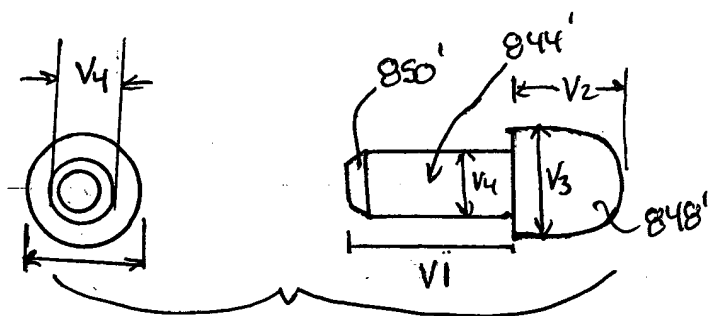
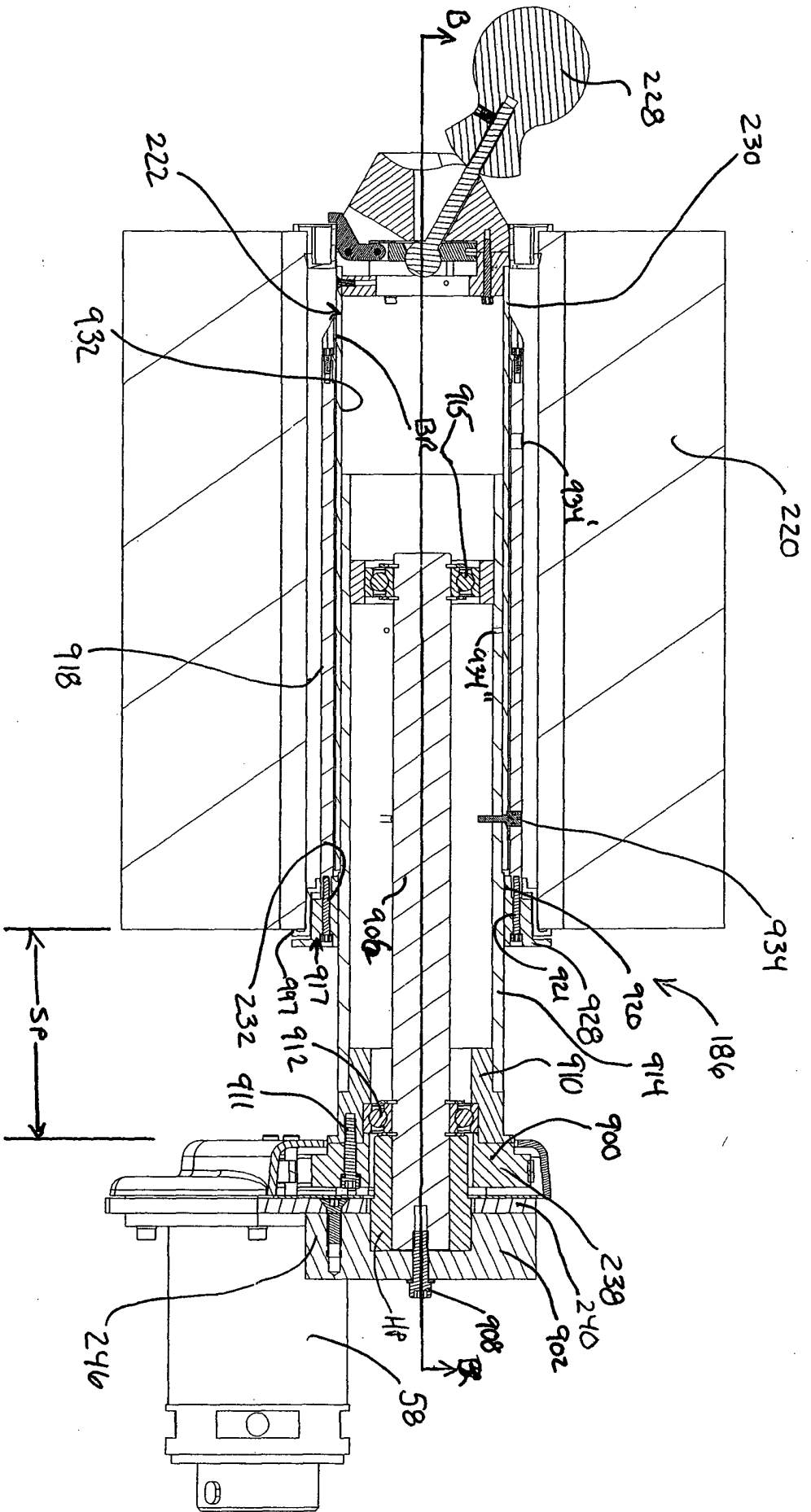


FIG. 114

FIG. 115



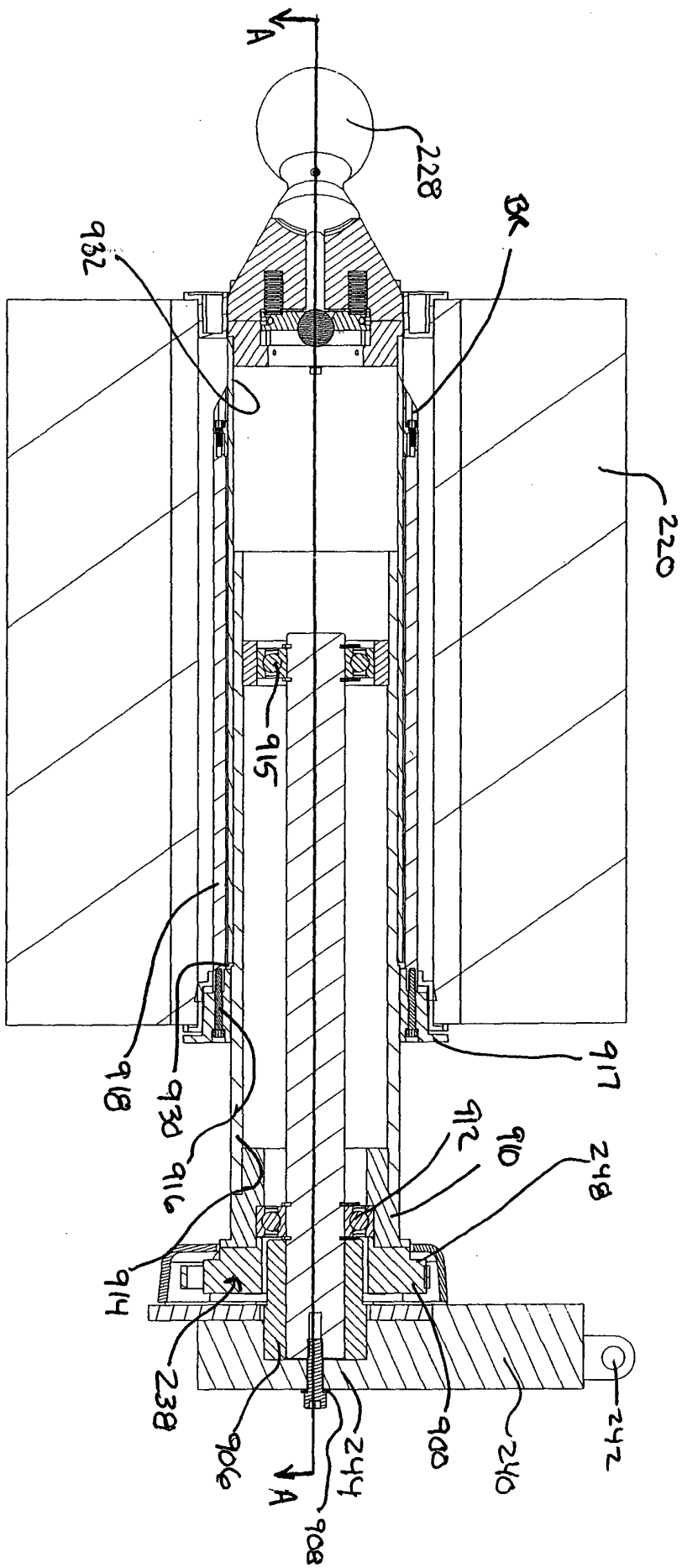
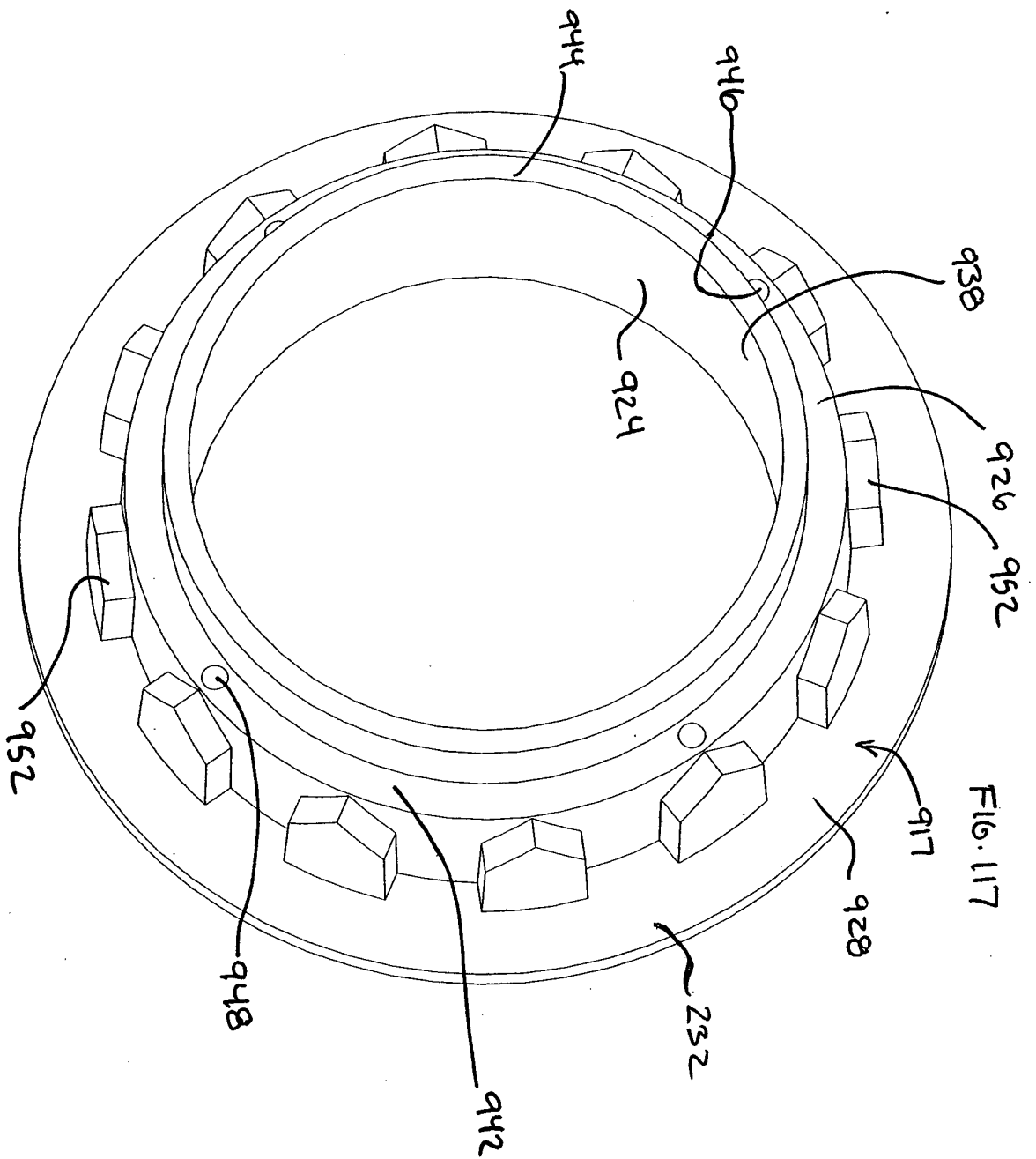


FIG. 11b



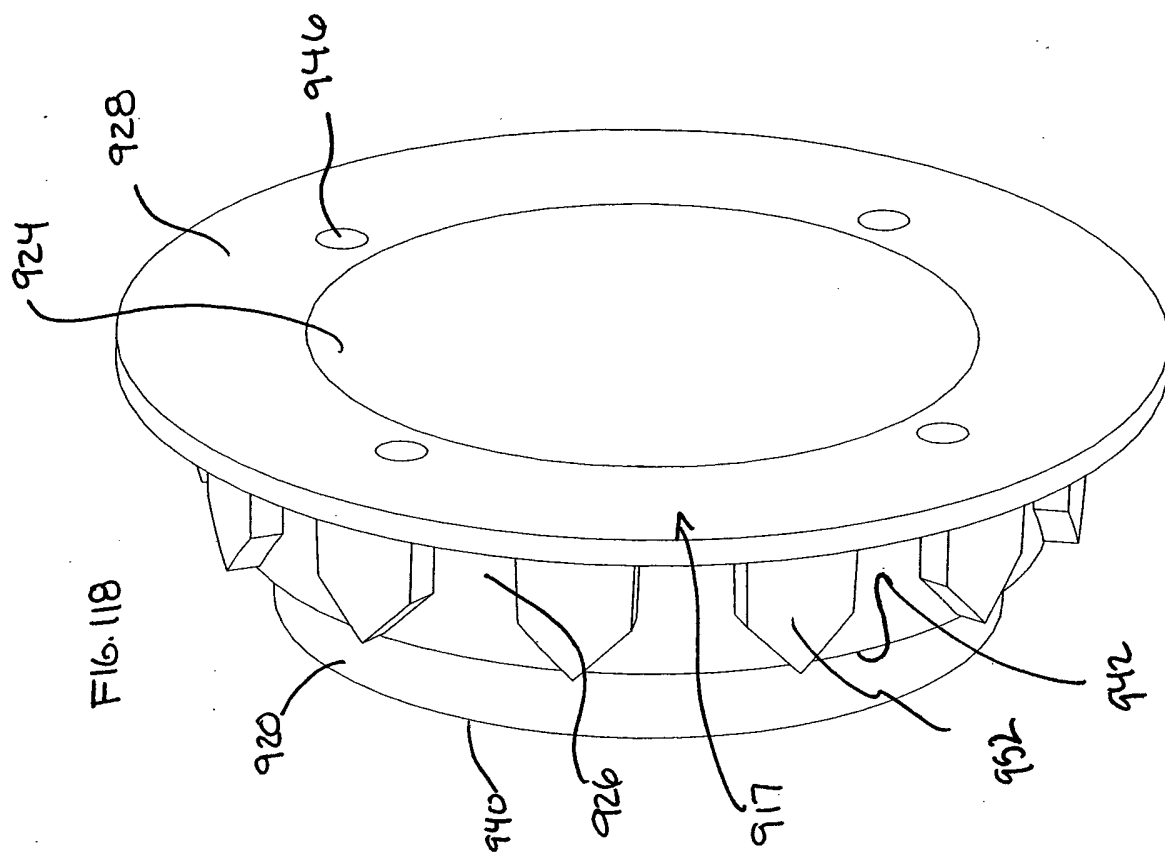
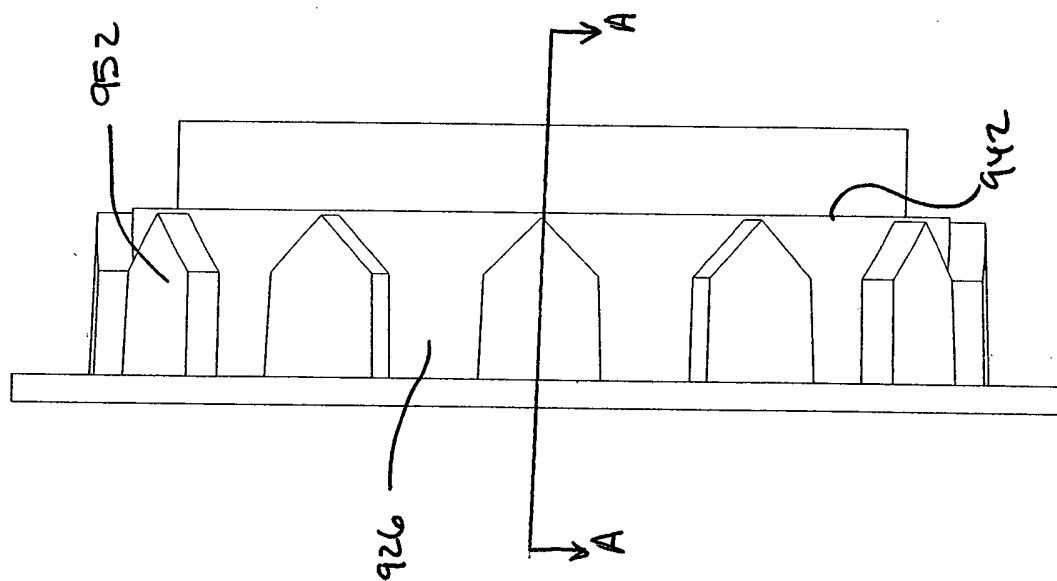


FIG. 119



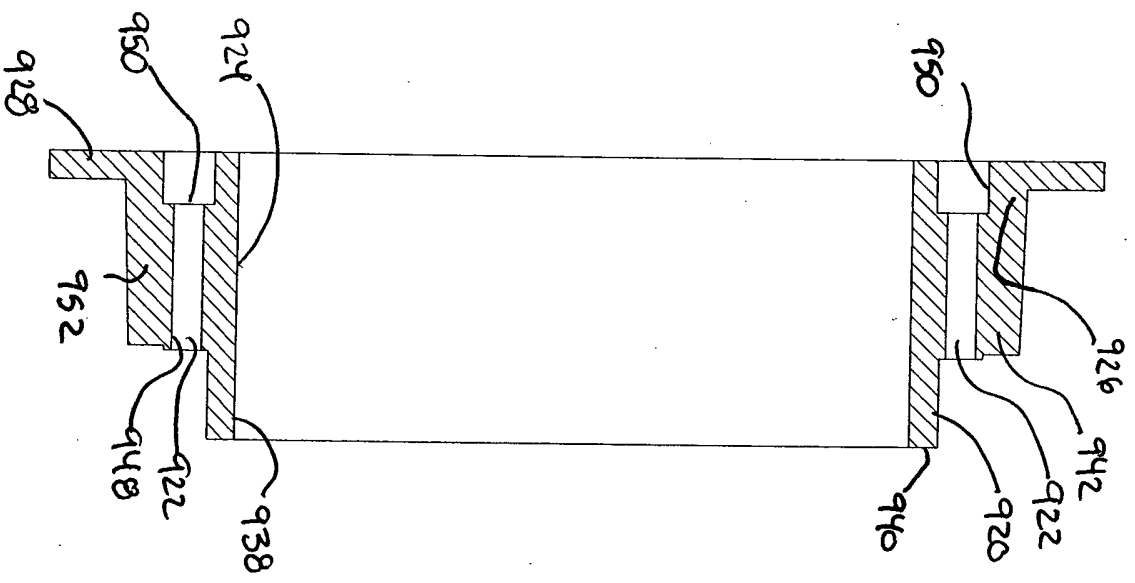
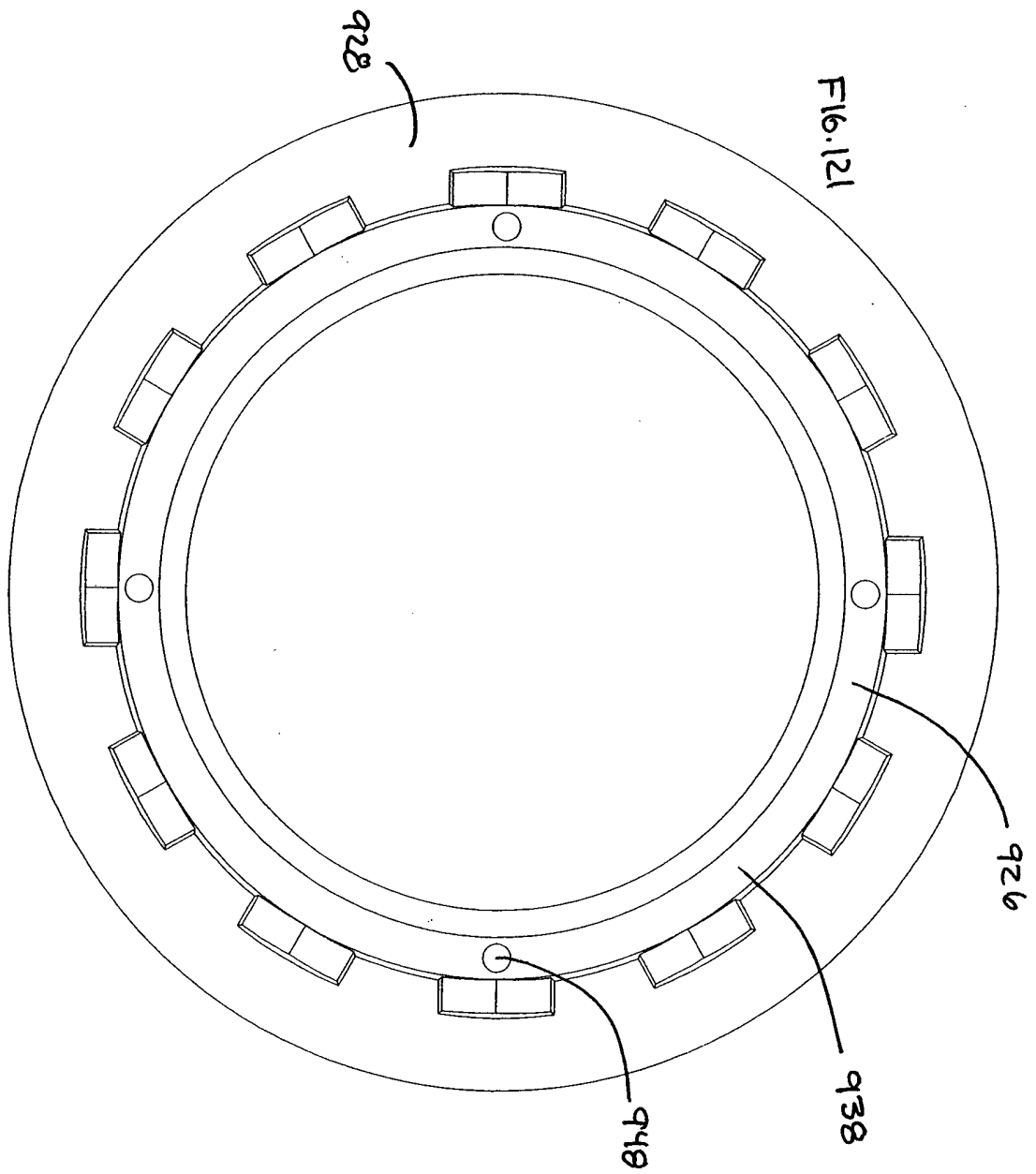


FIG. 120



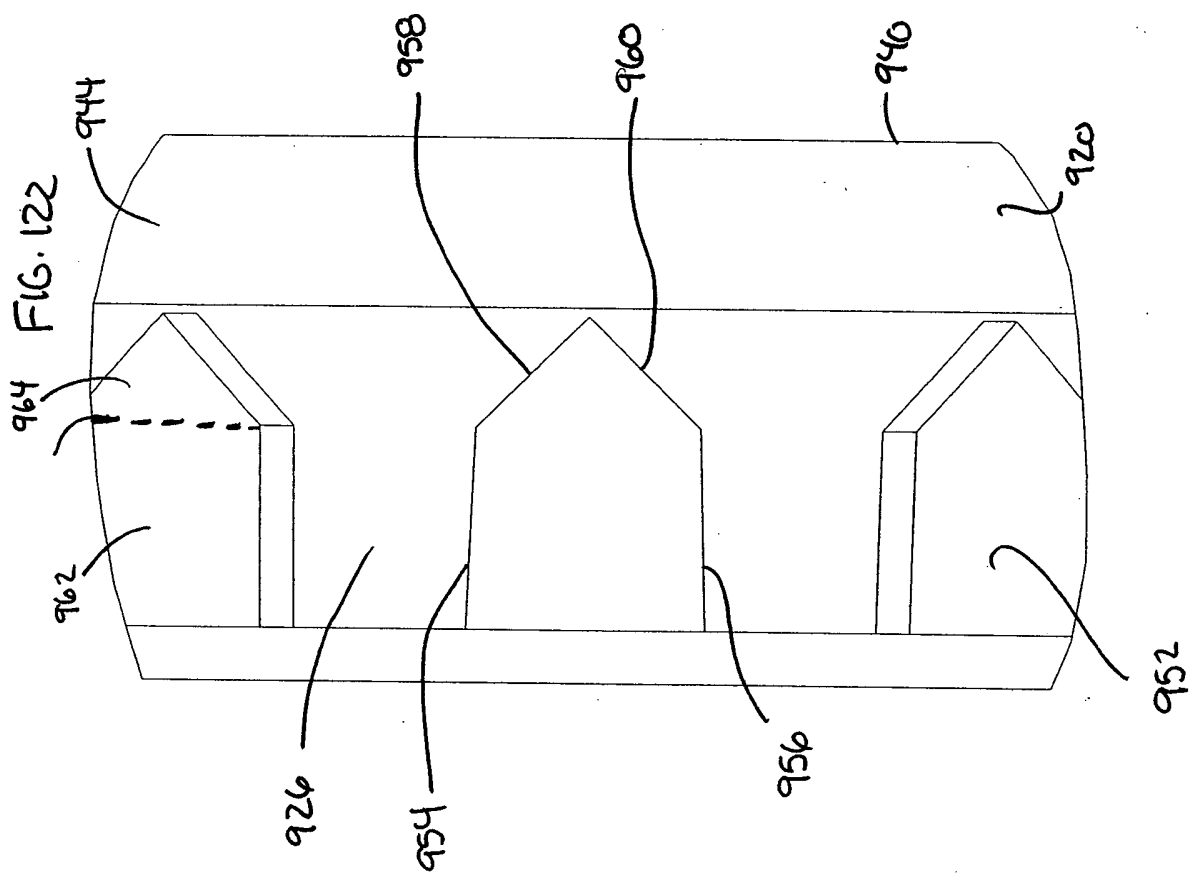
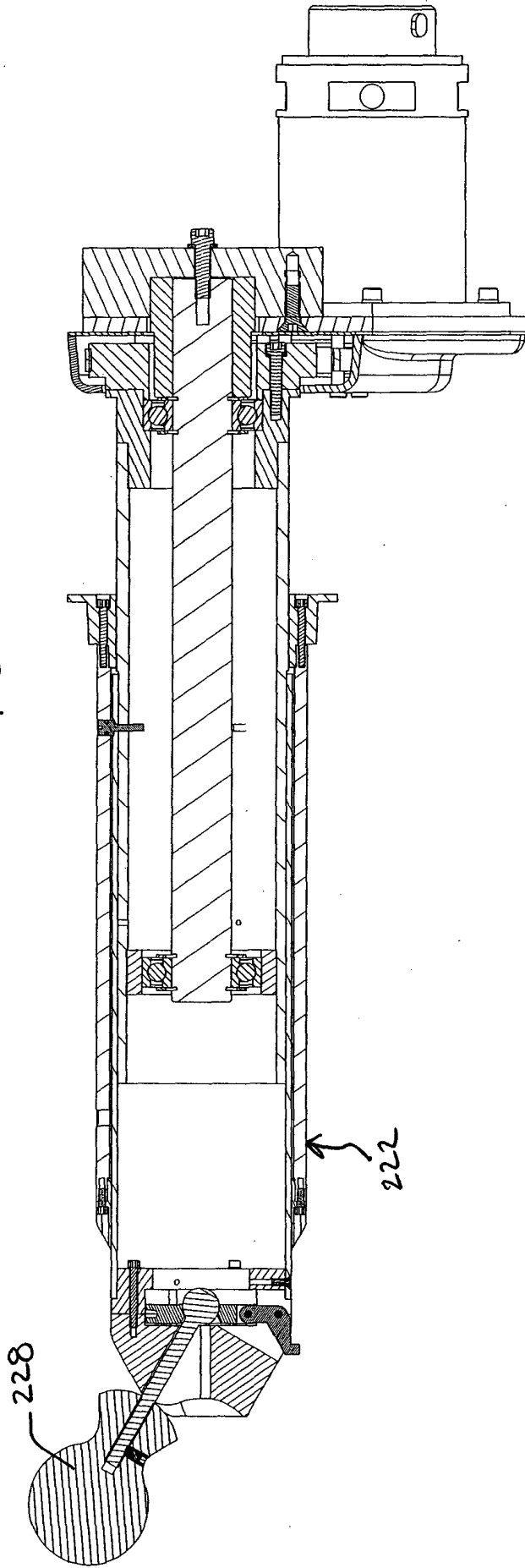


FIG. 123



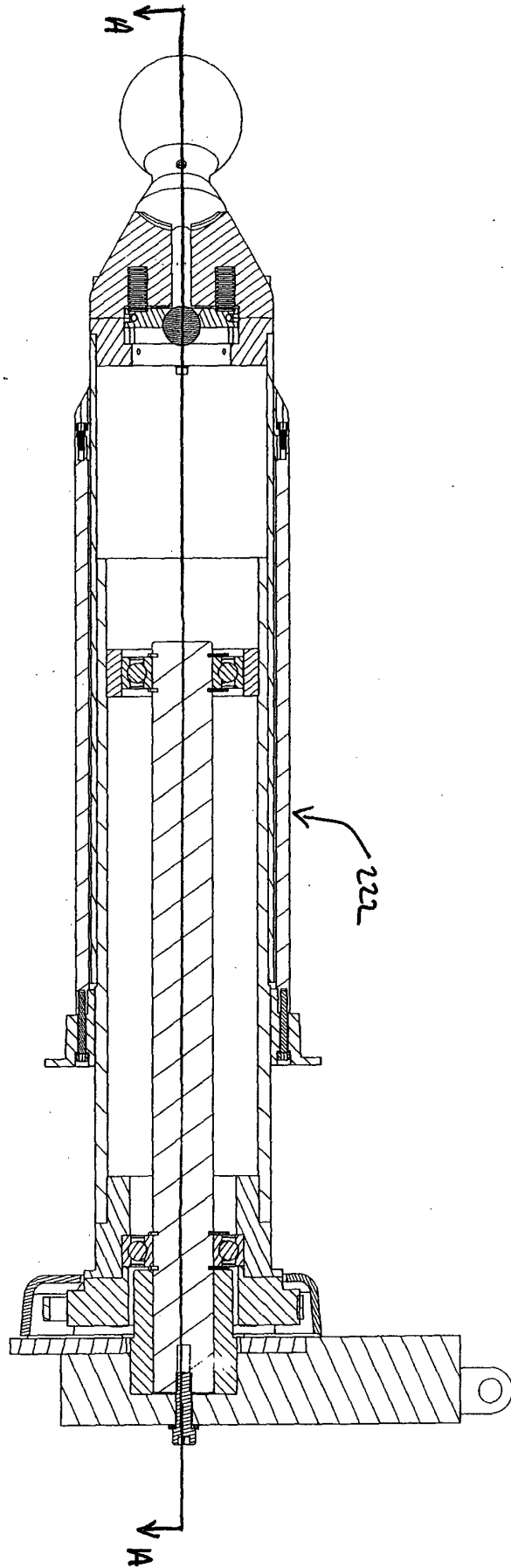
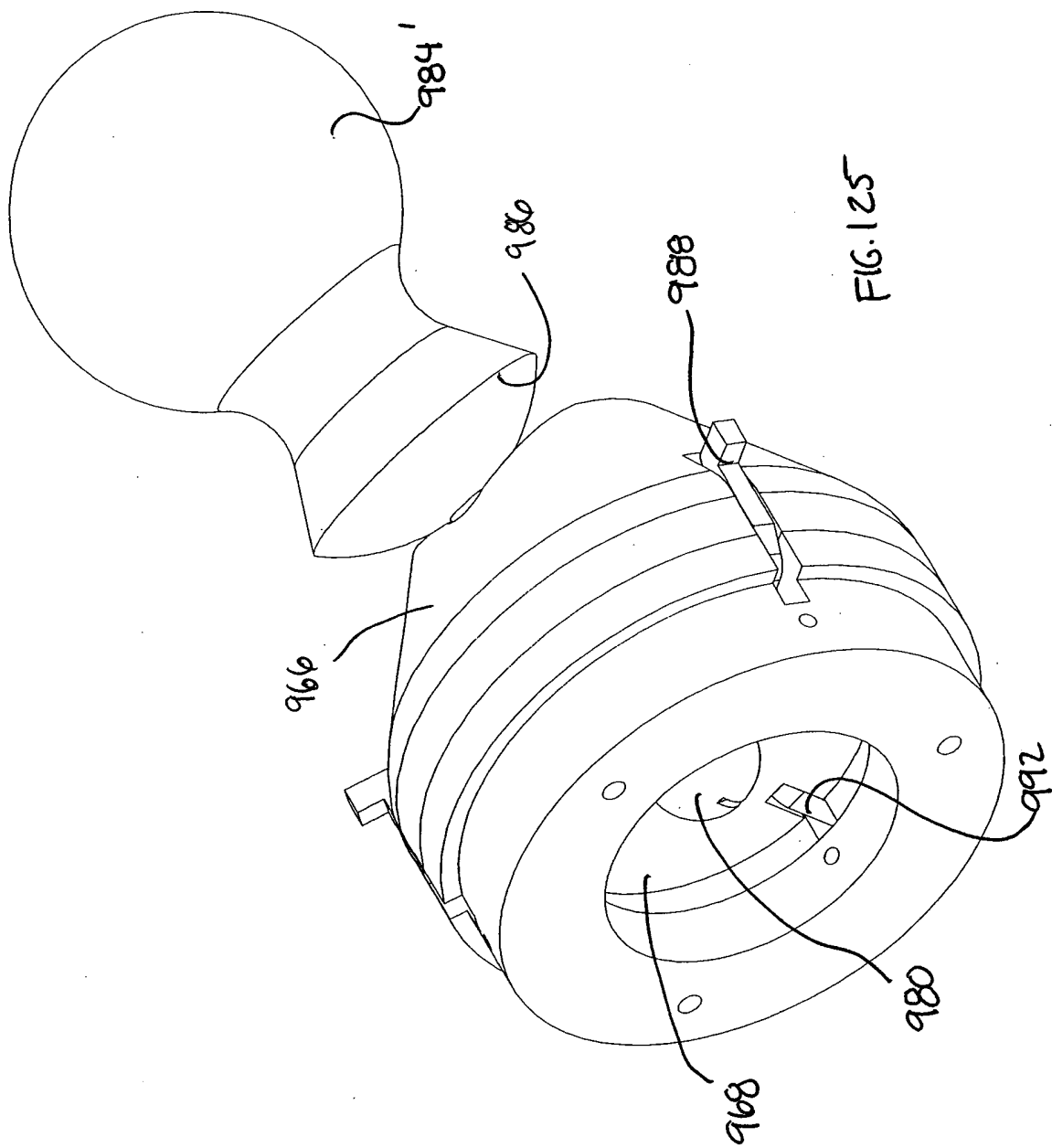


FIG. 124



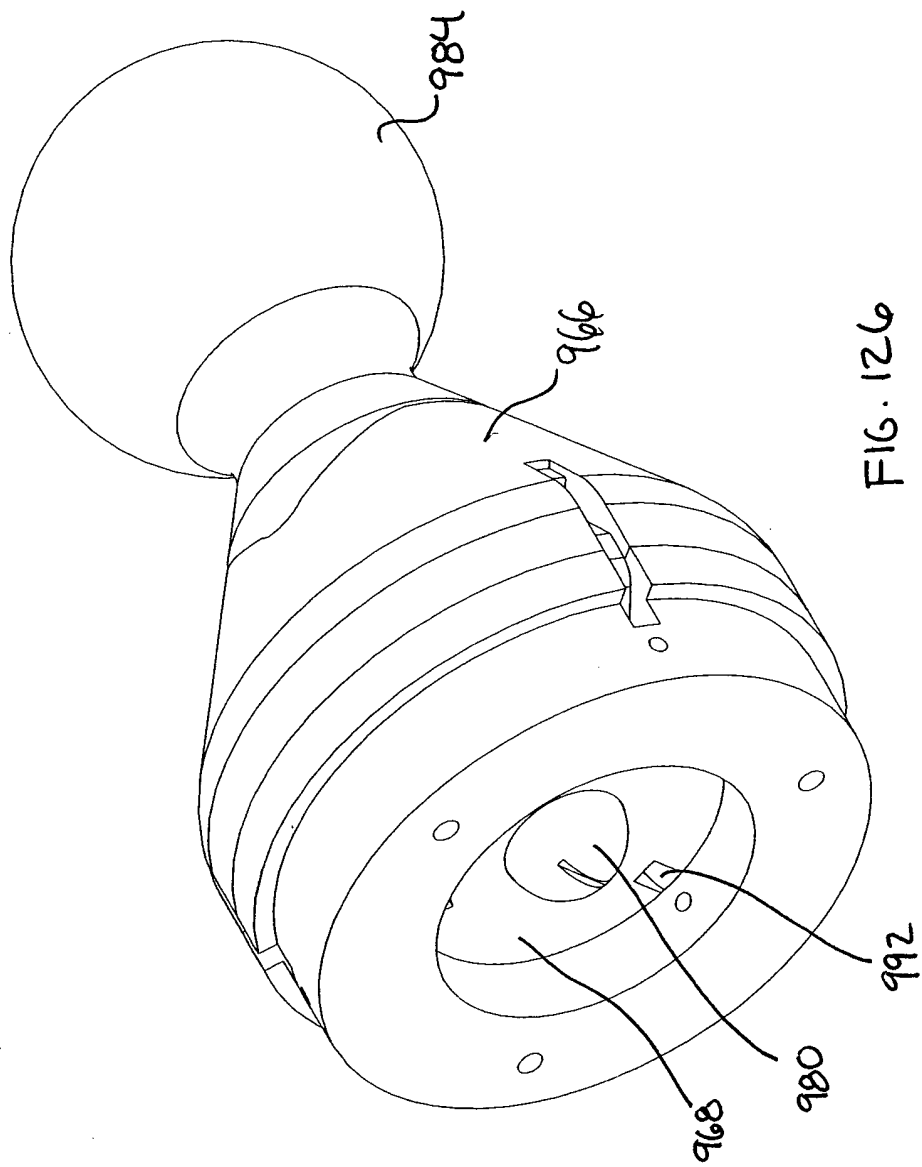


FIG. 126

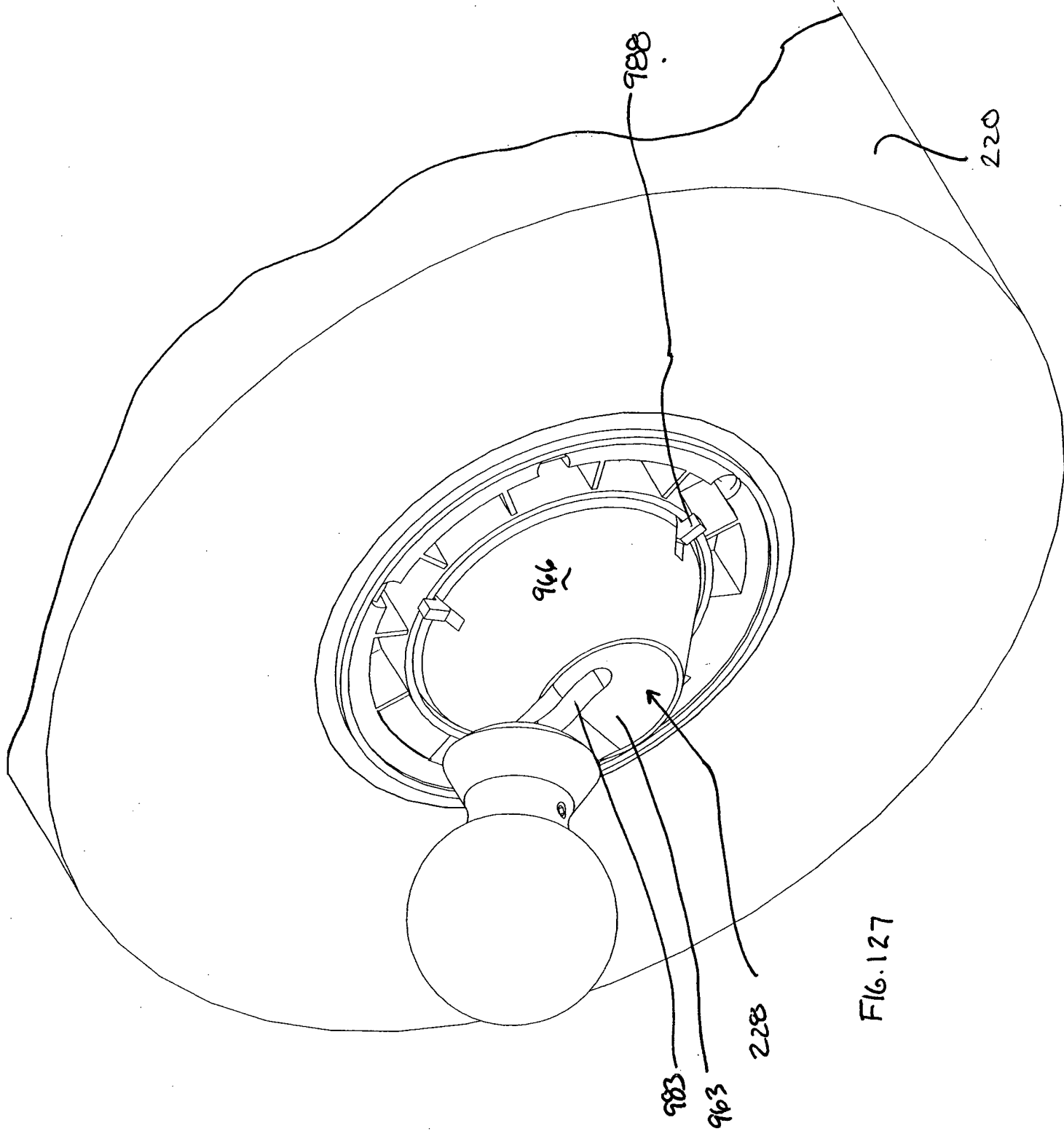


FIG. 127

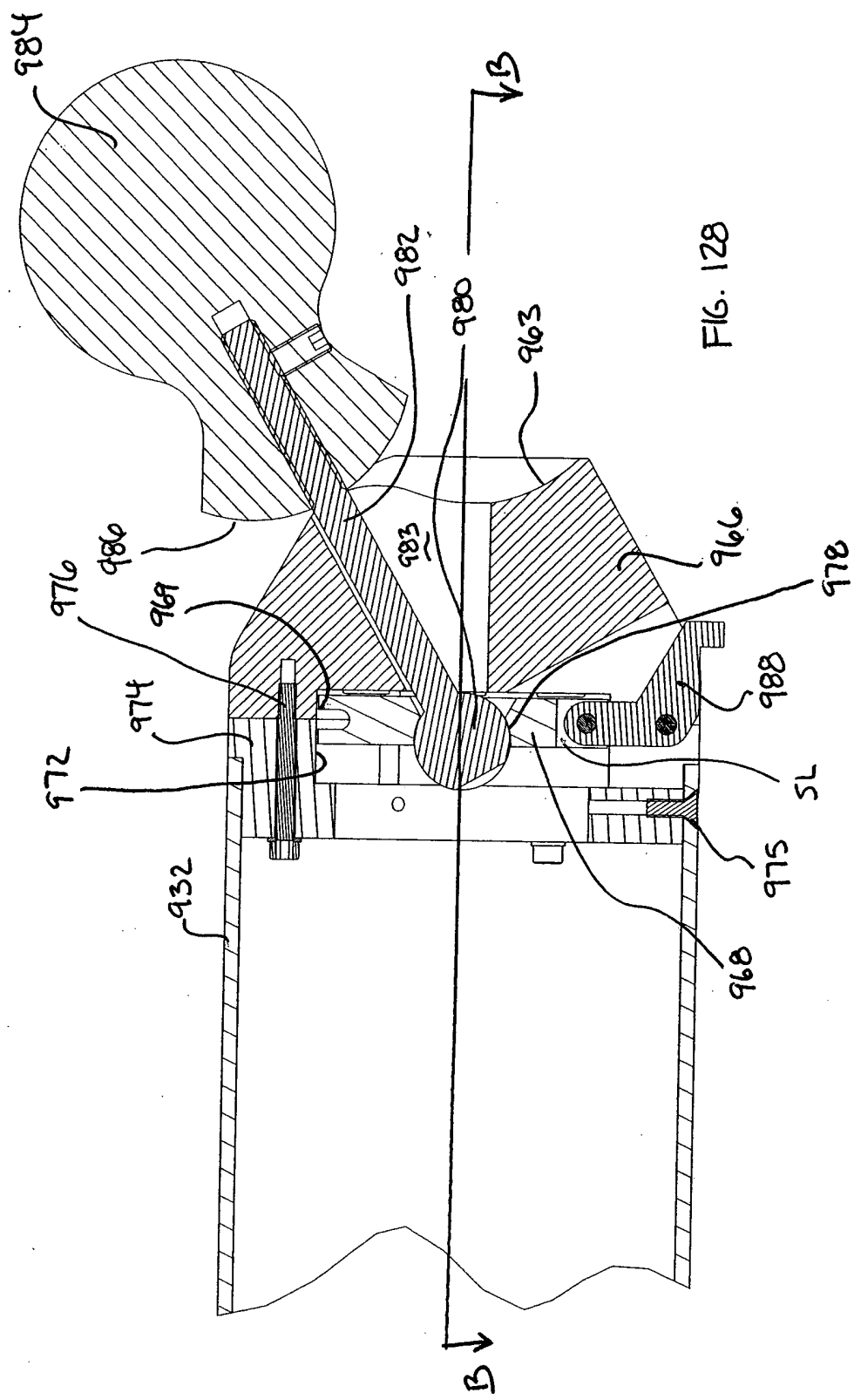
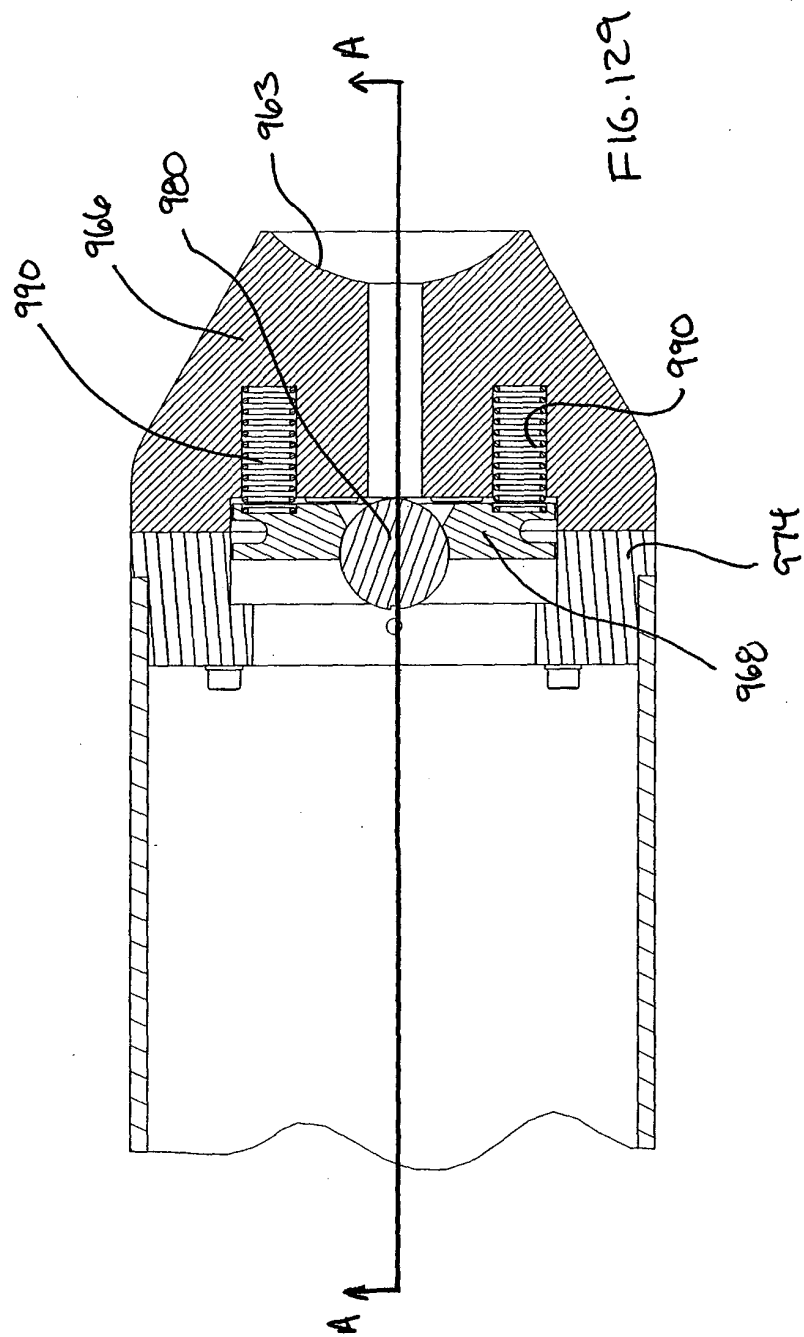


FIG. 128



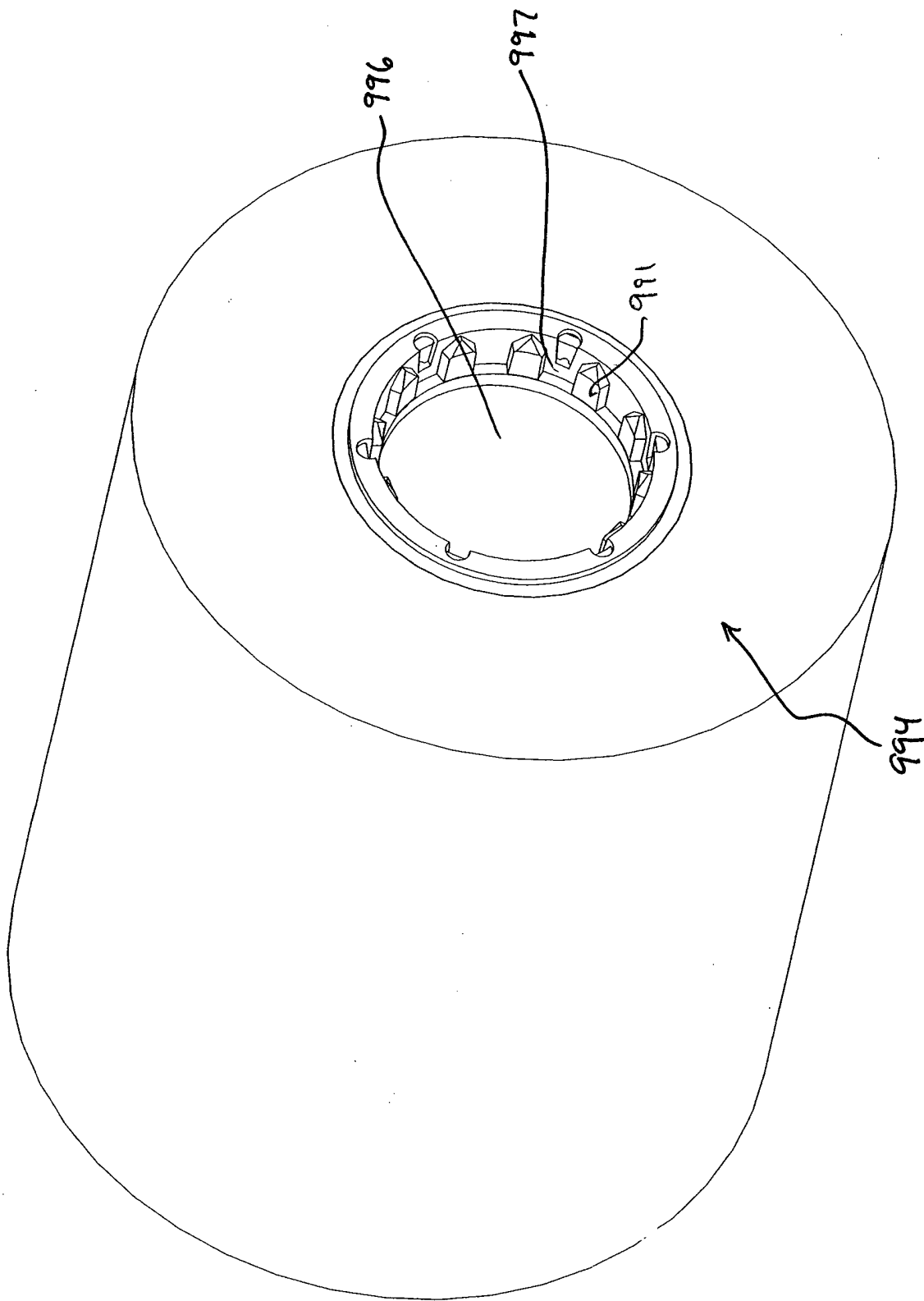


FIG. 130

FIG. 13

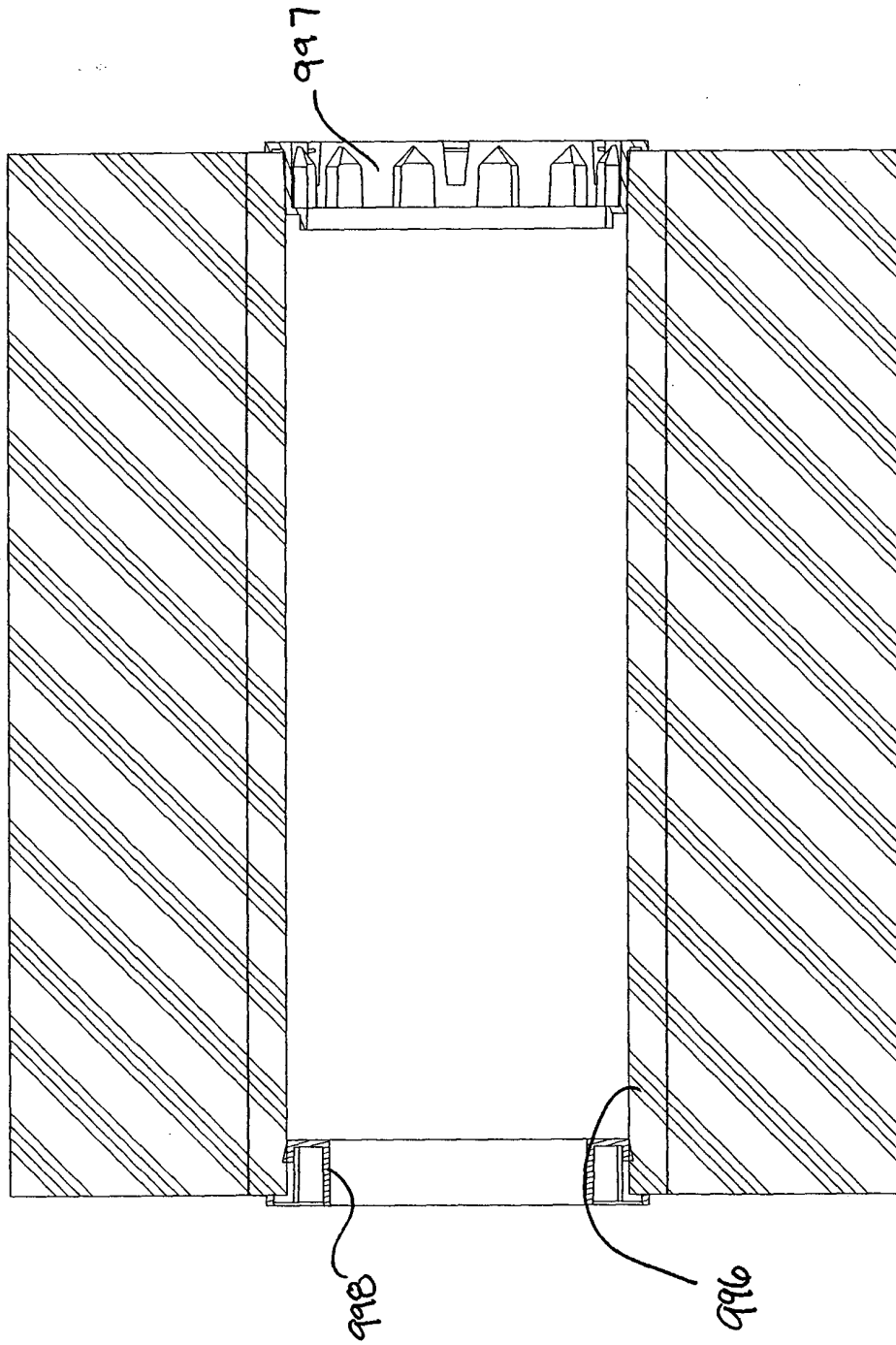
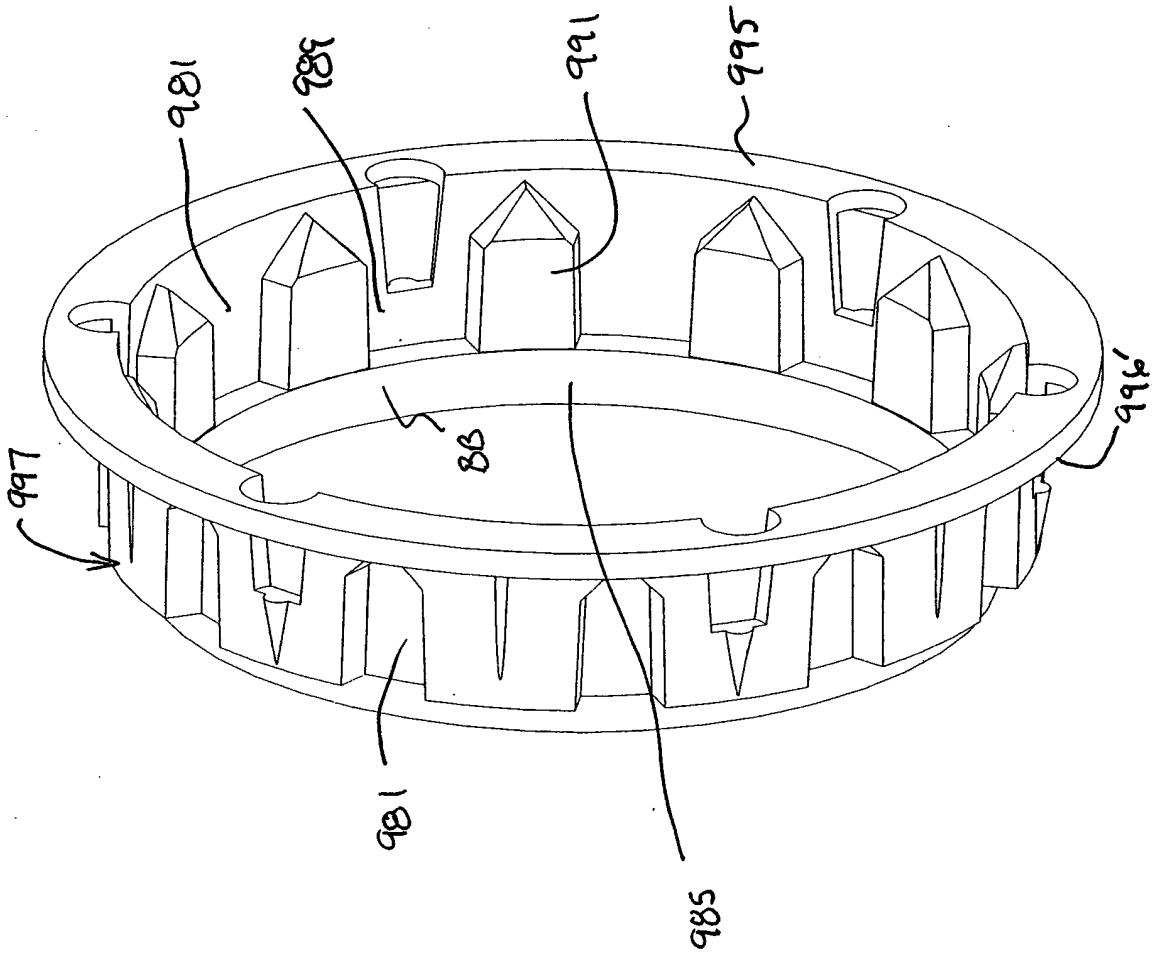


FIG. 132



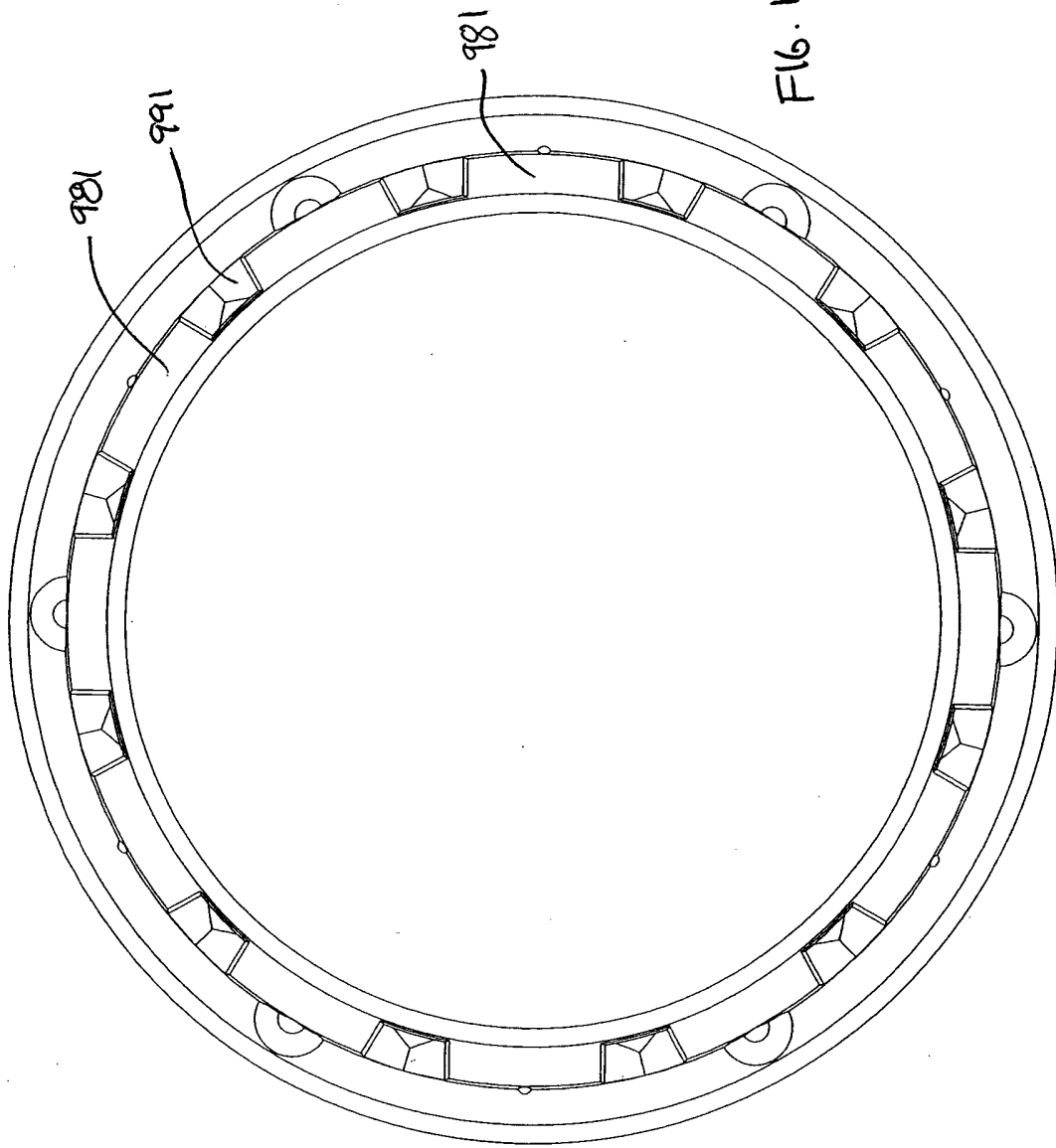
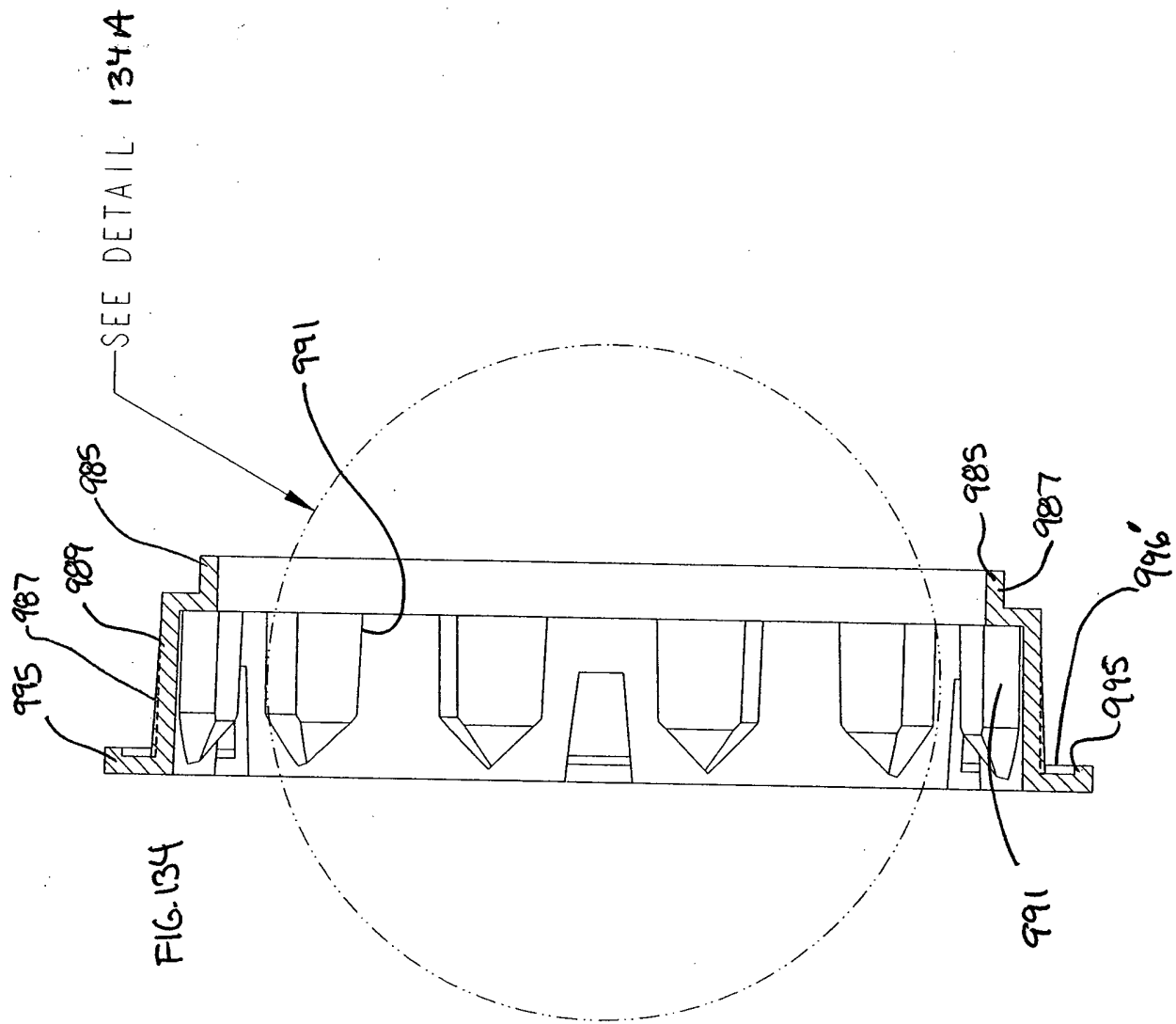


FIG. 133



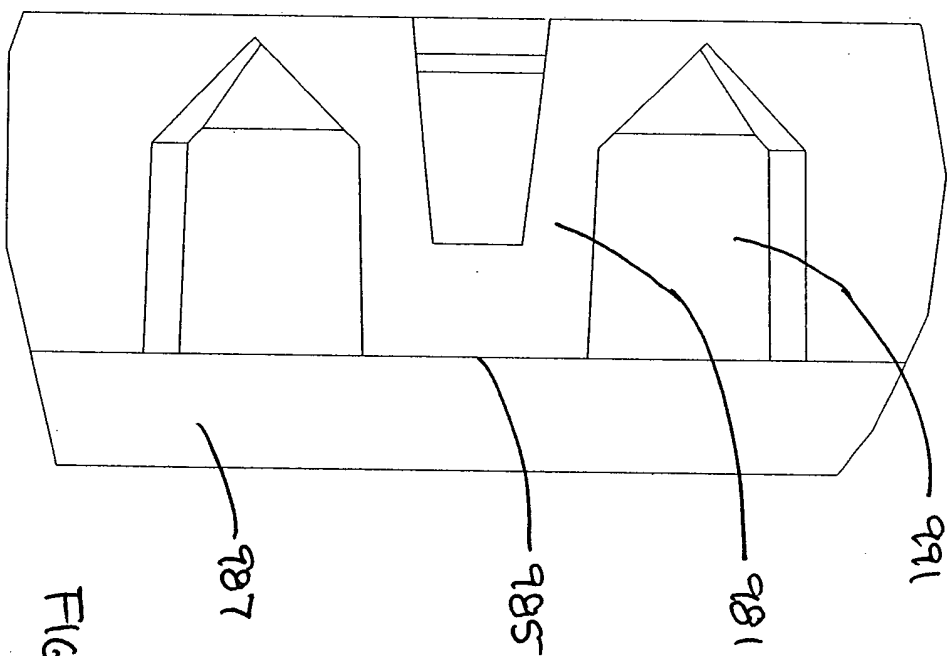
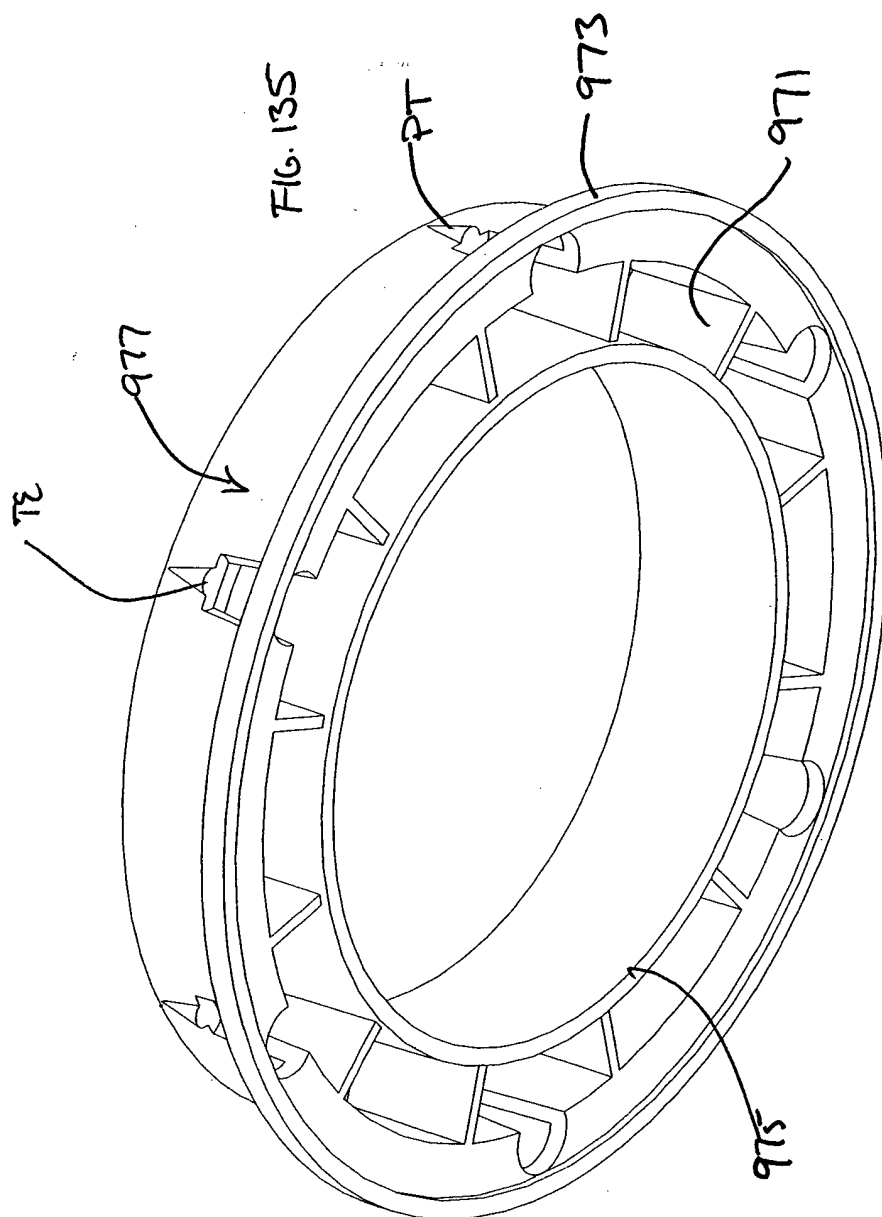


FIG. 134A



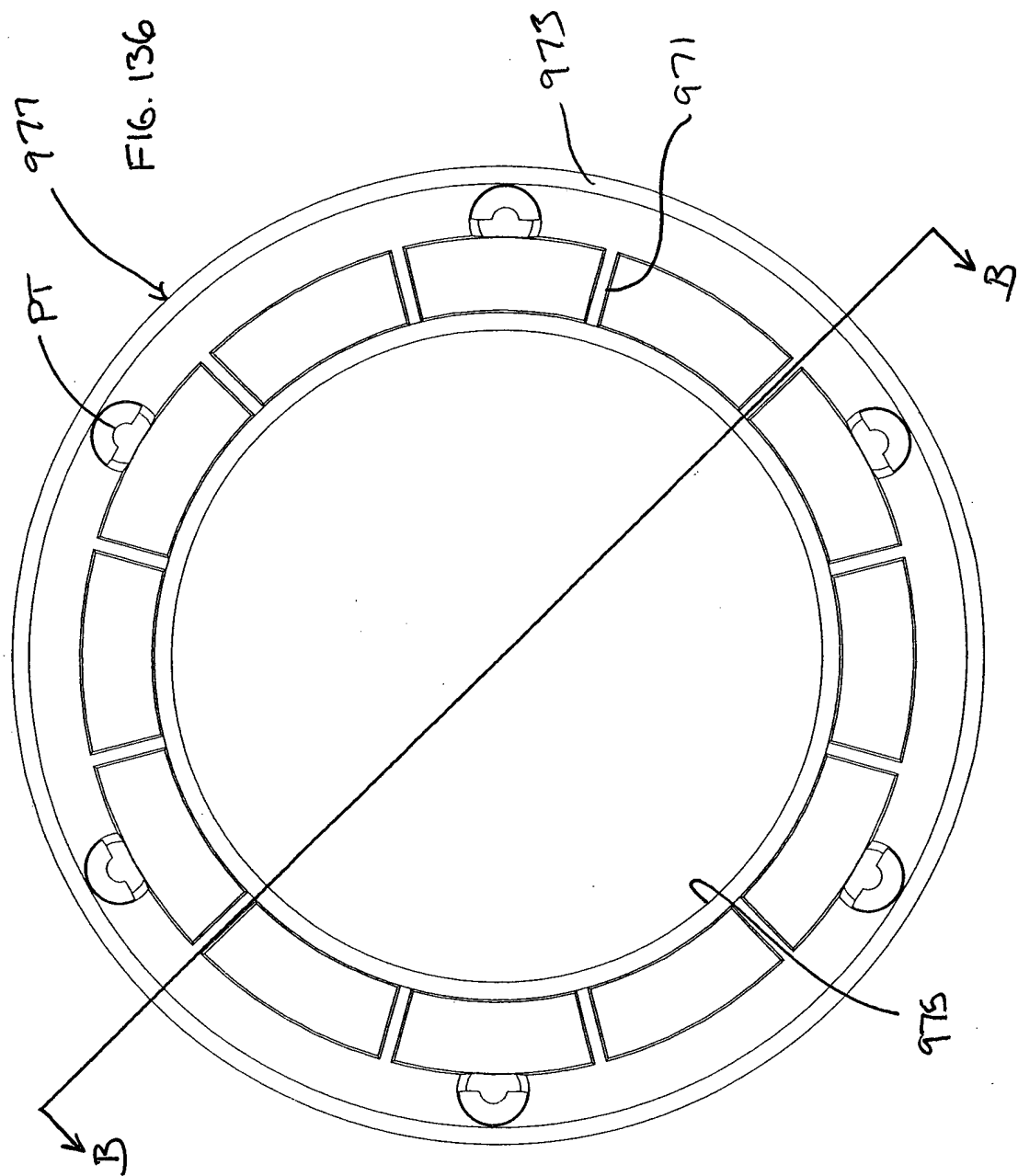


FIG. 137

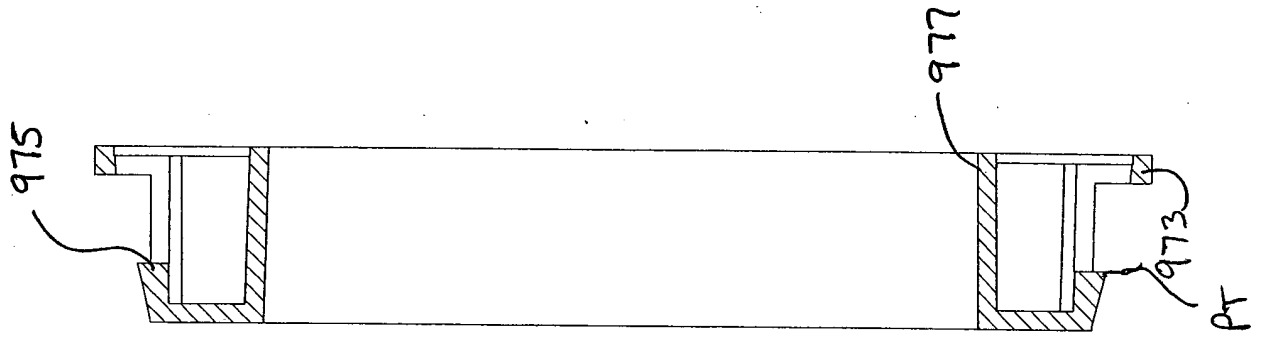
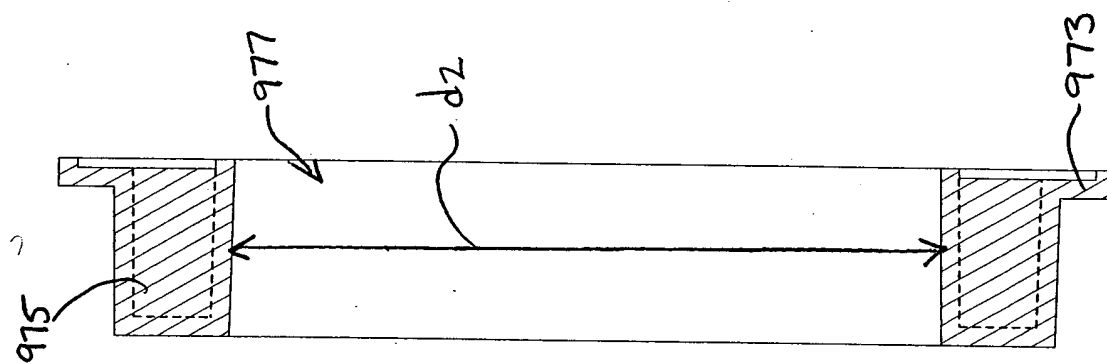
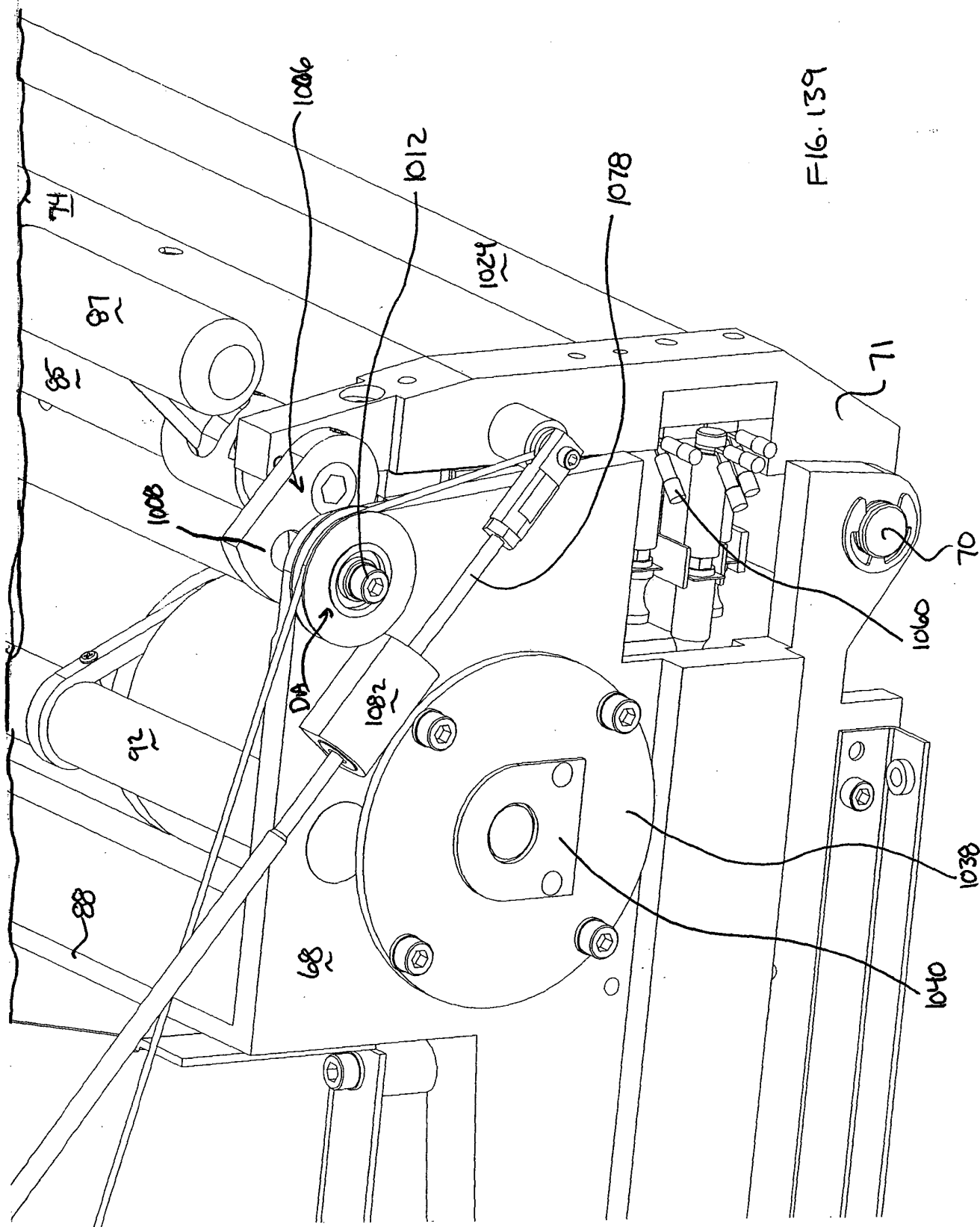
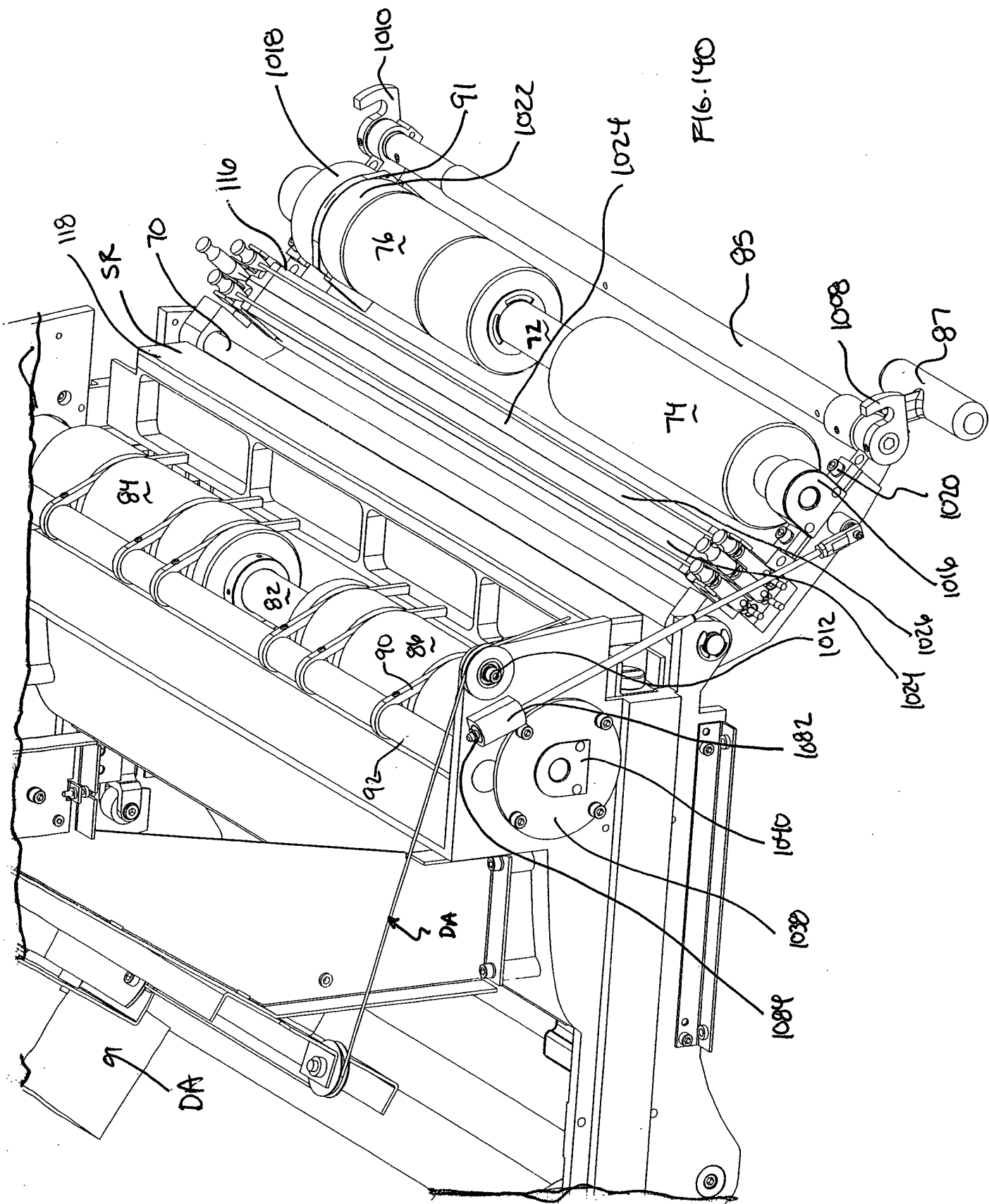


FIG. 138





F16.139



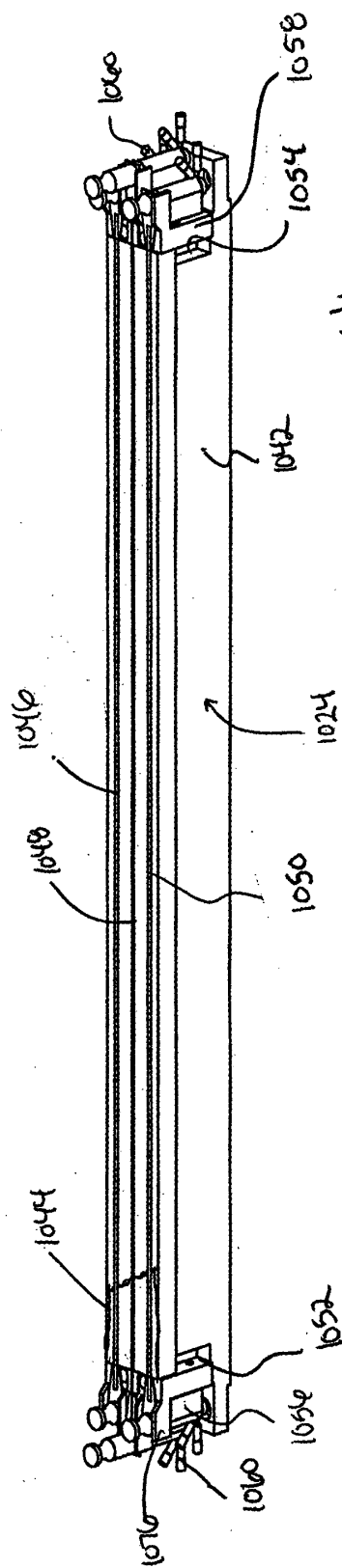


FIG. 141

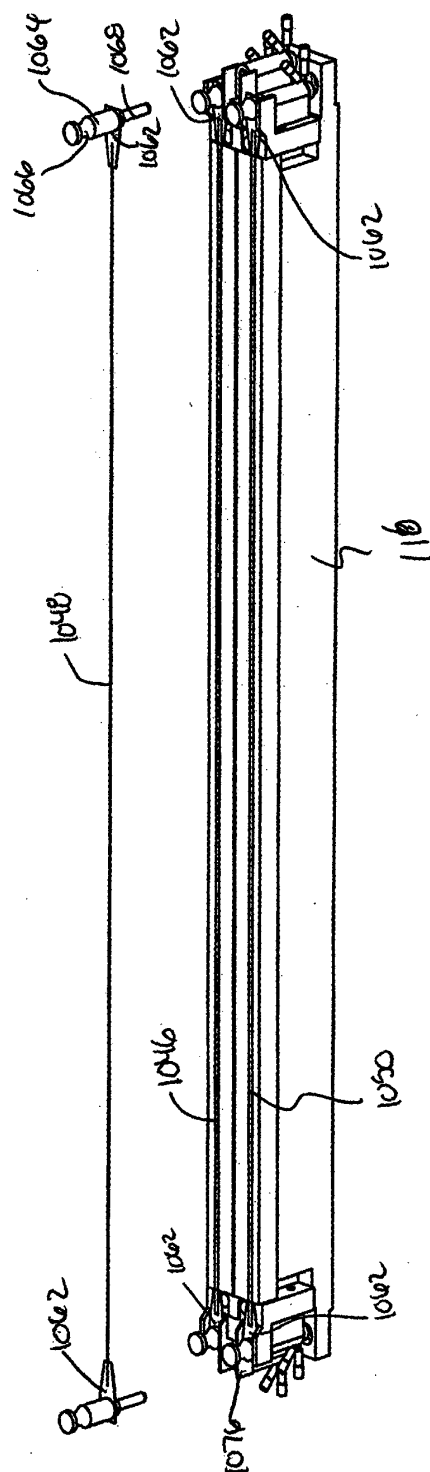
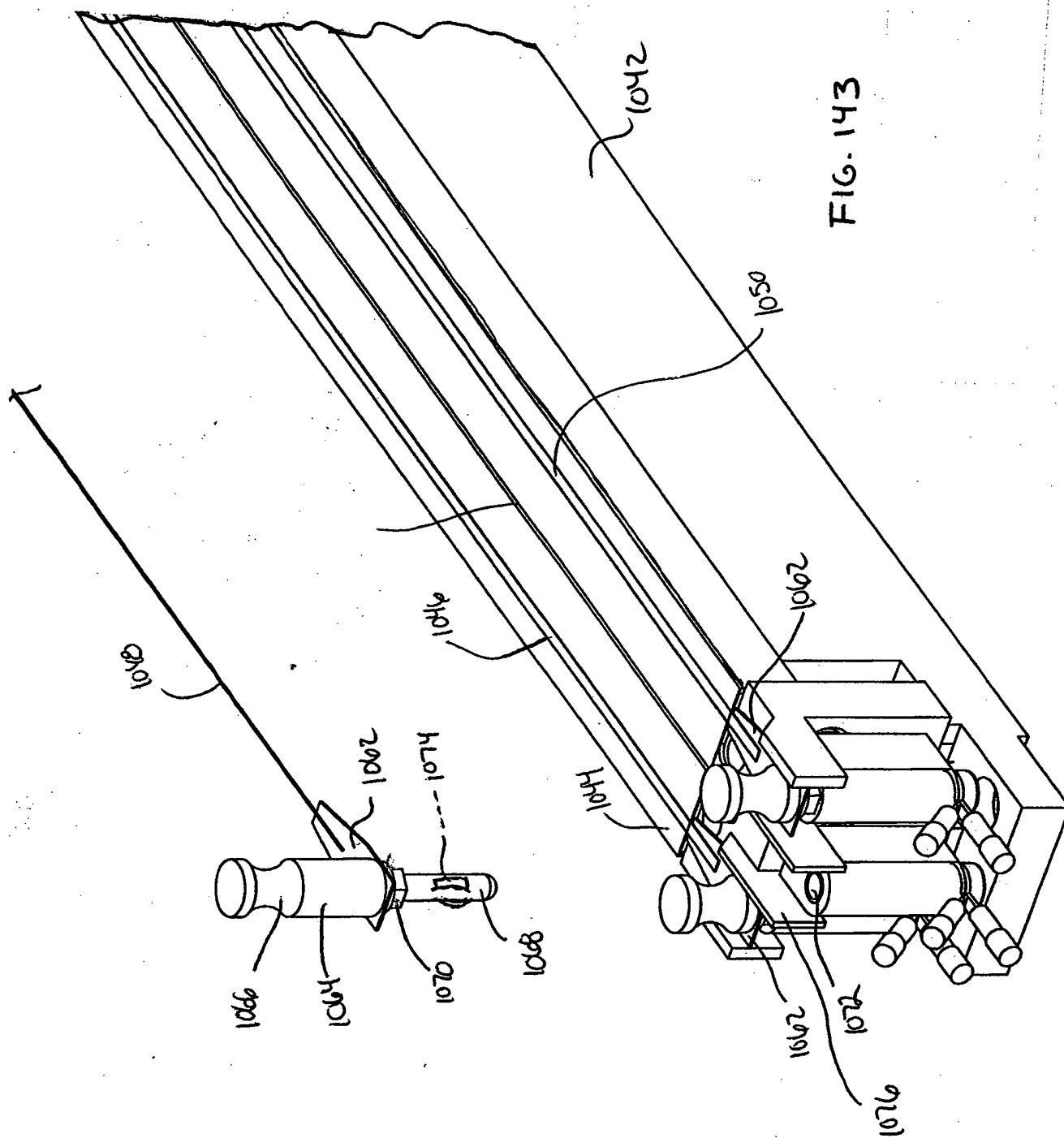


FIG 142



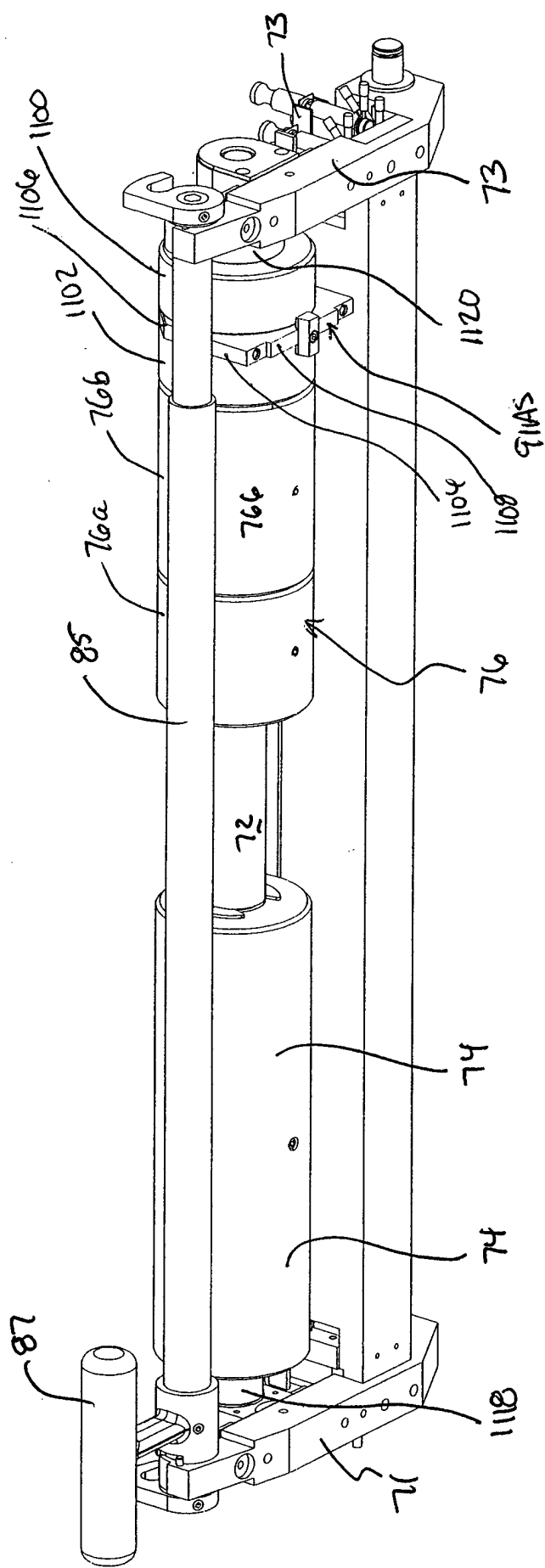
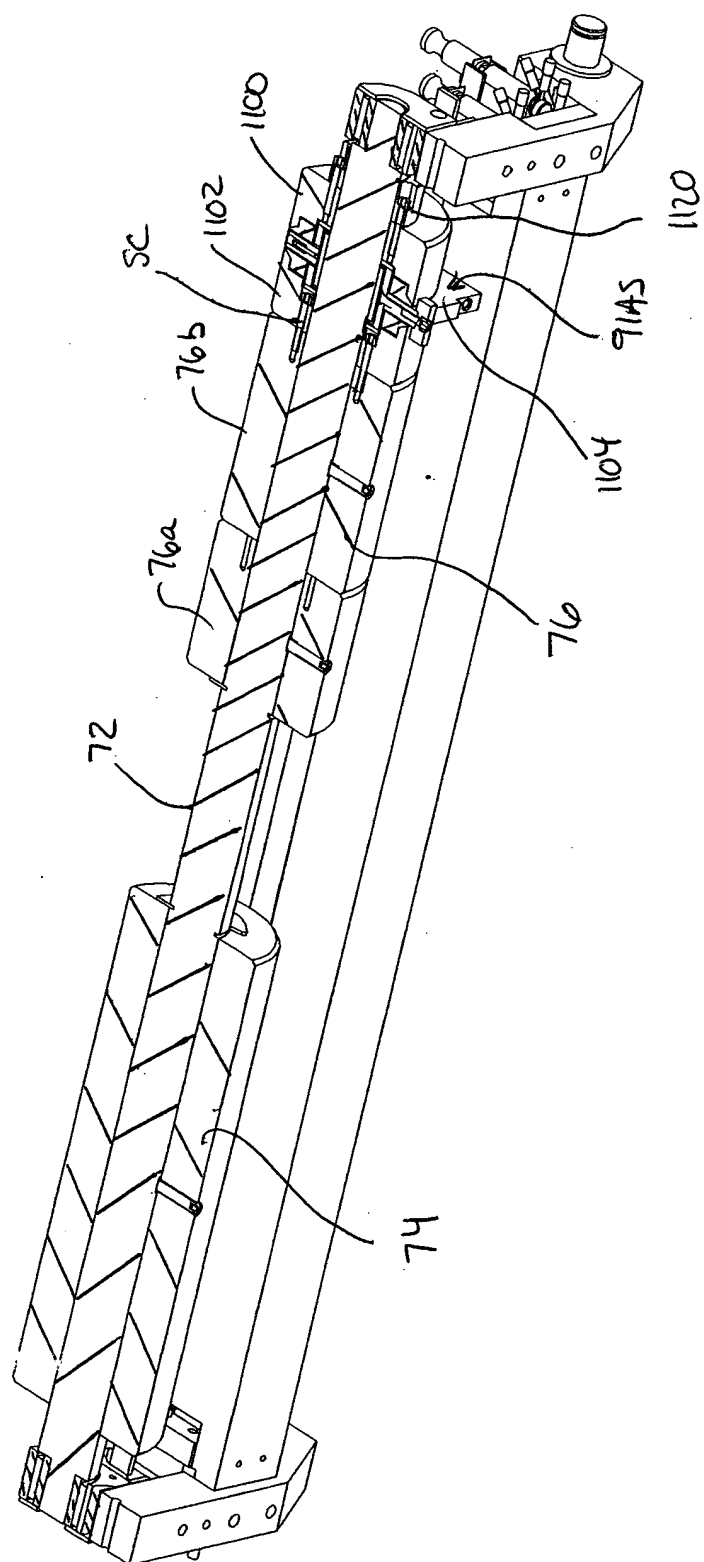


FIG. 144



Flb. 145-

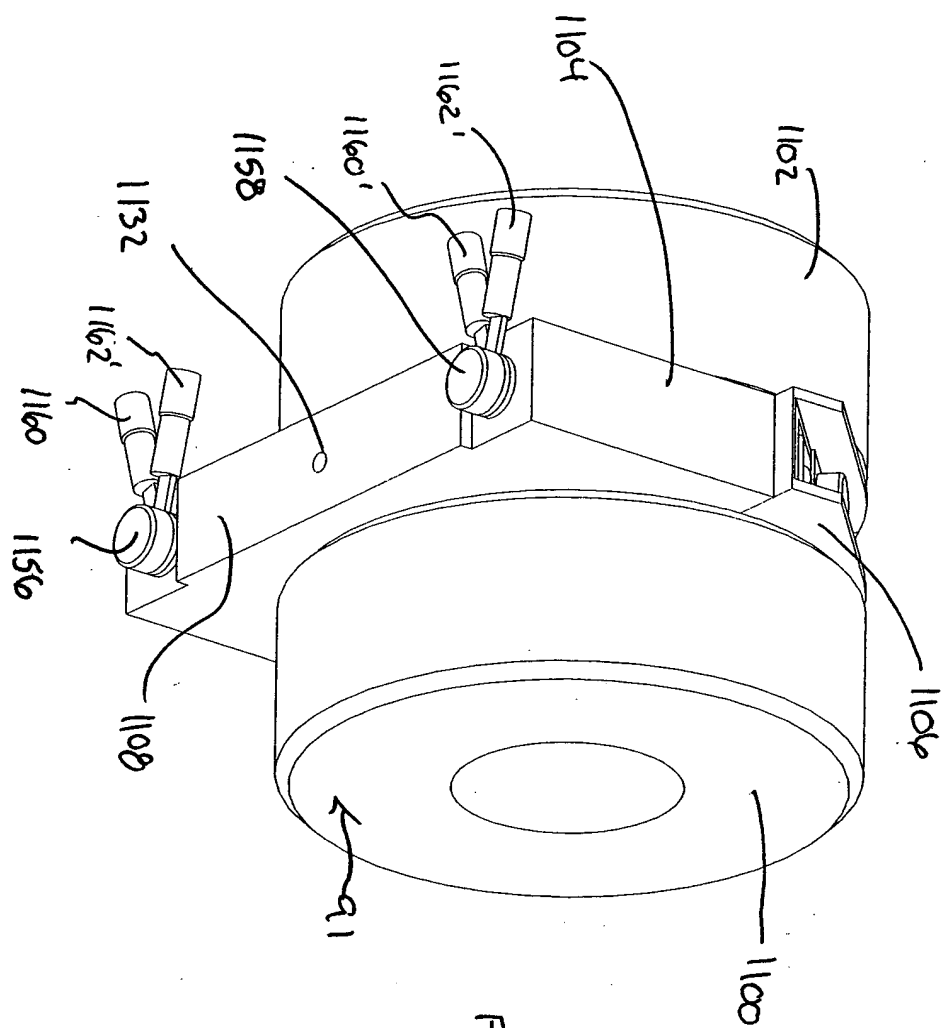


FIG. 14b

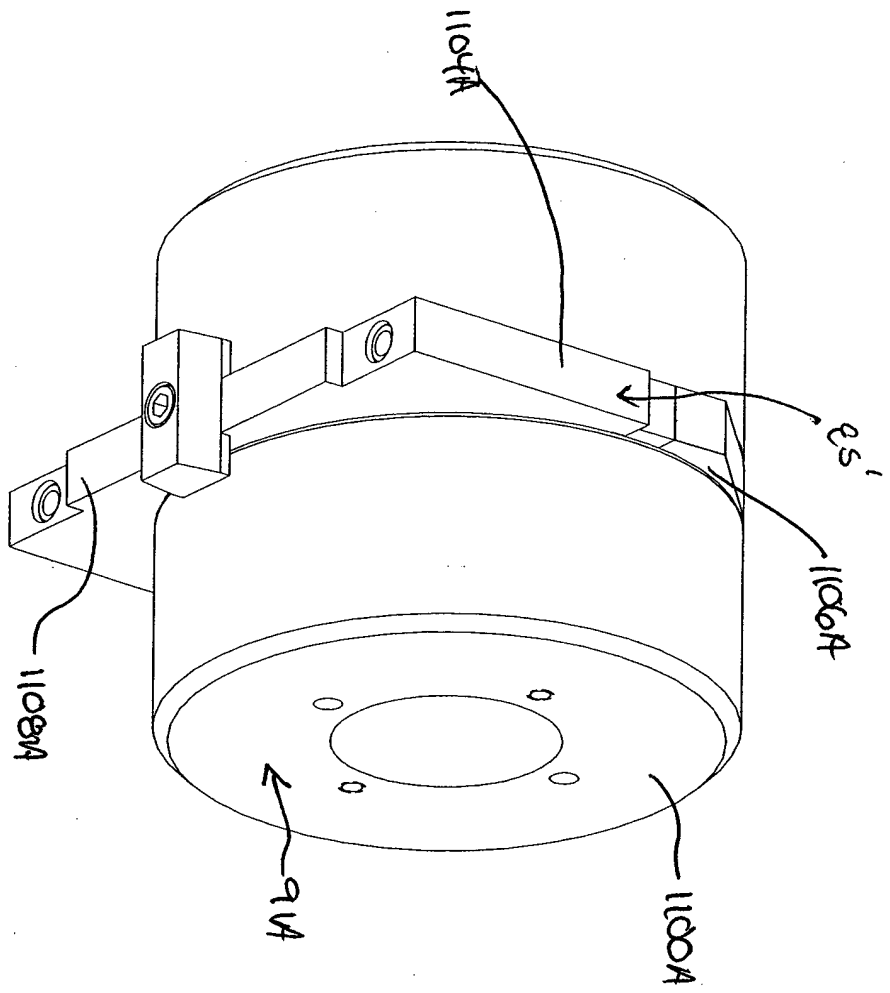


FIG. 146A

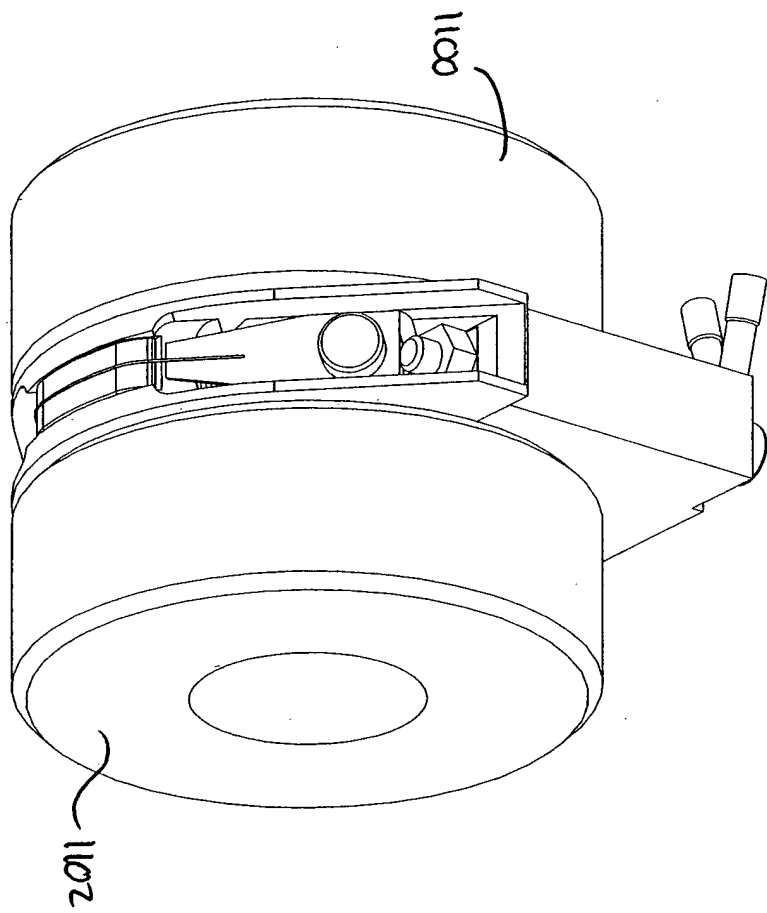
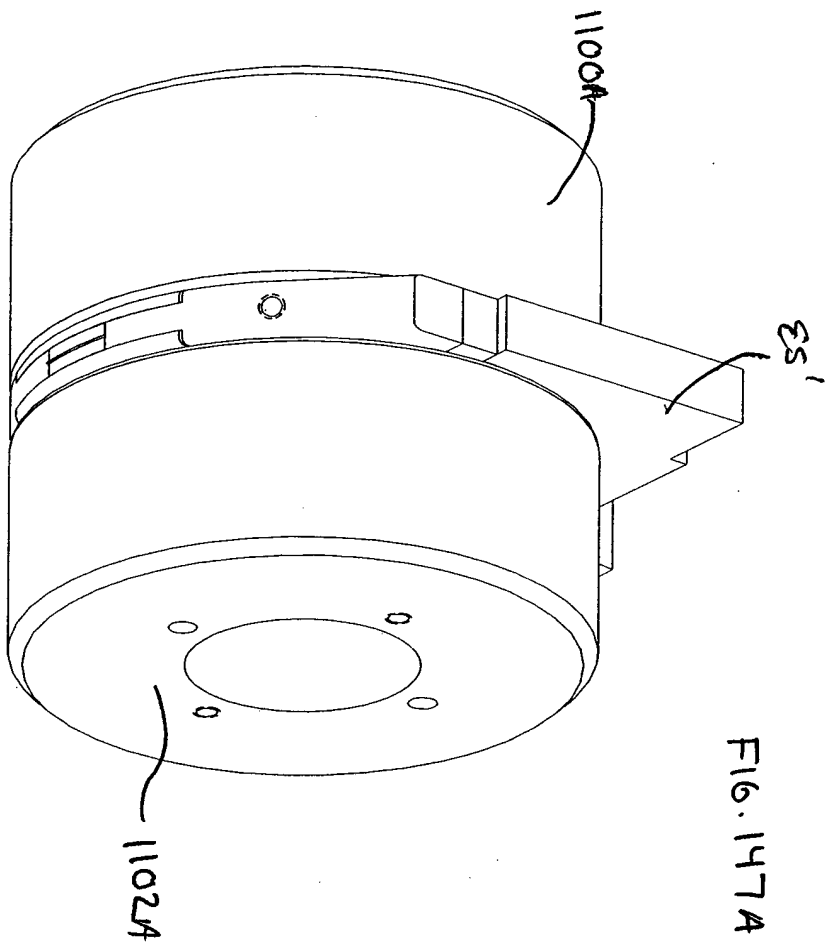
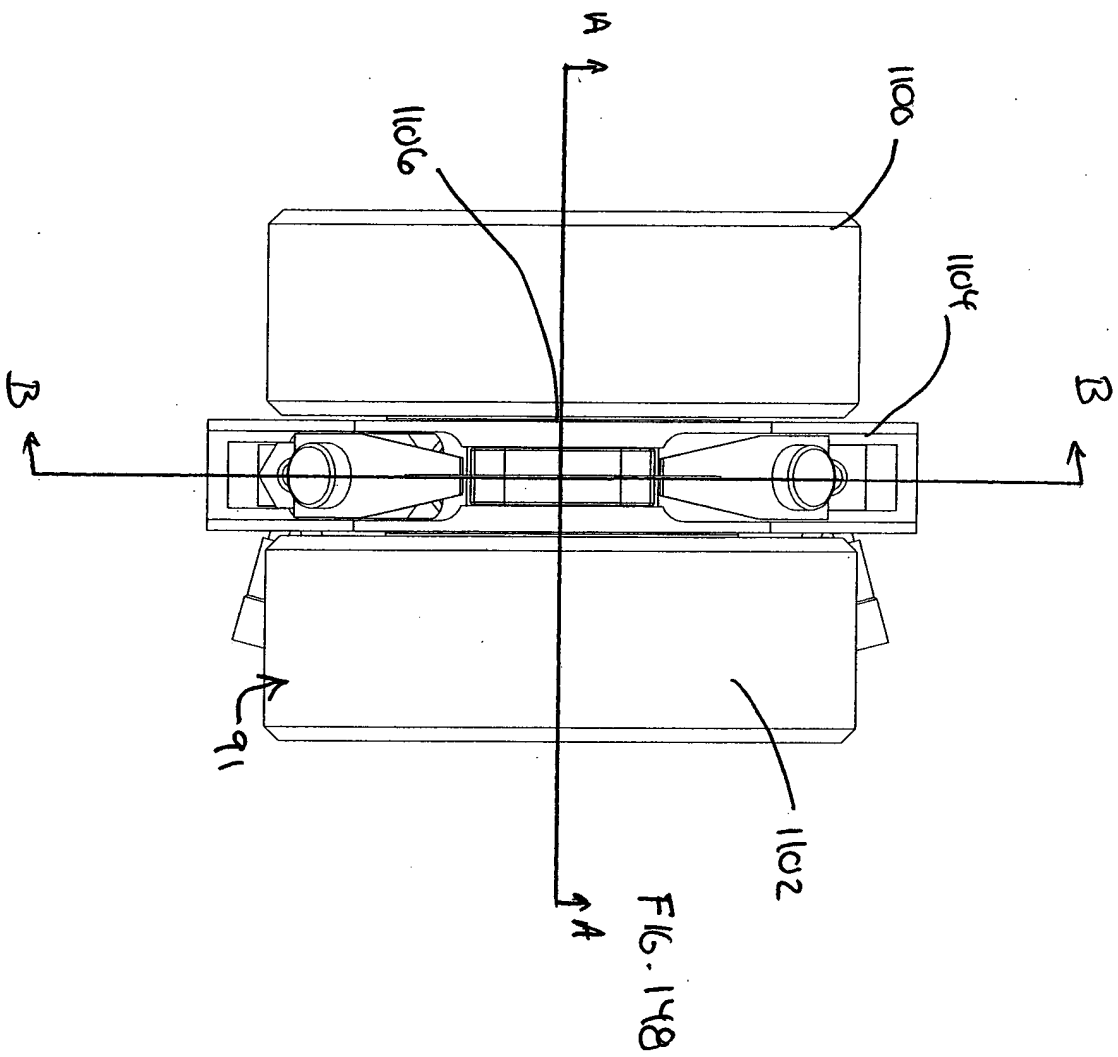
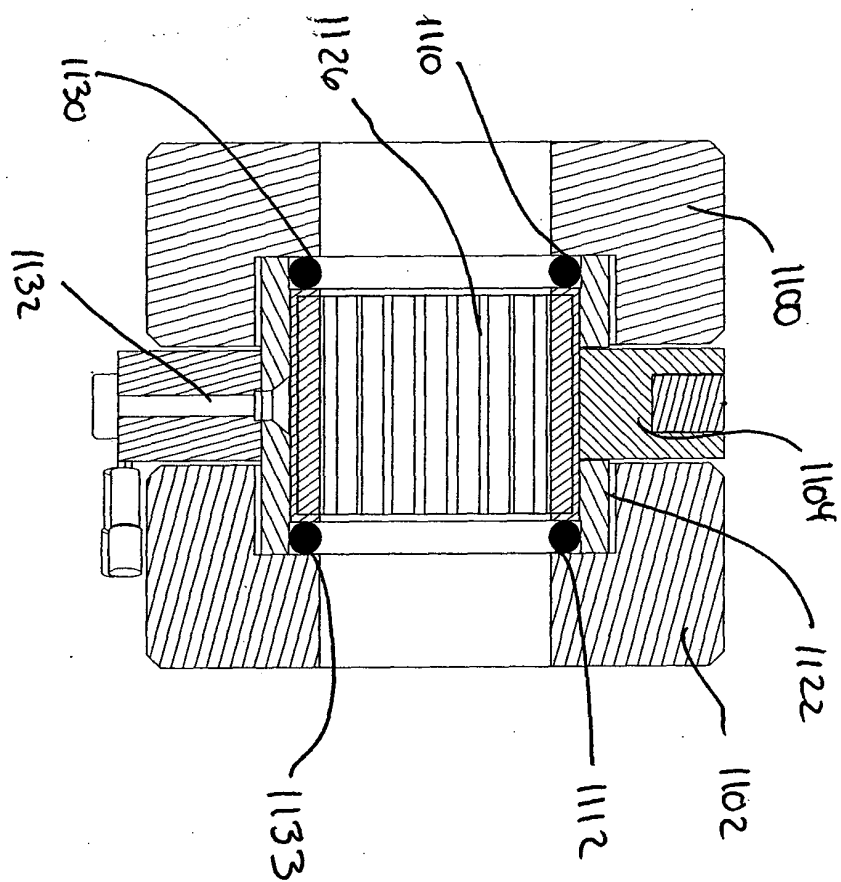


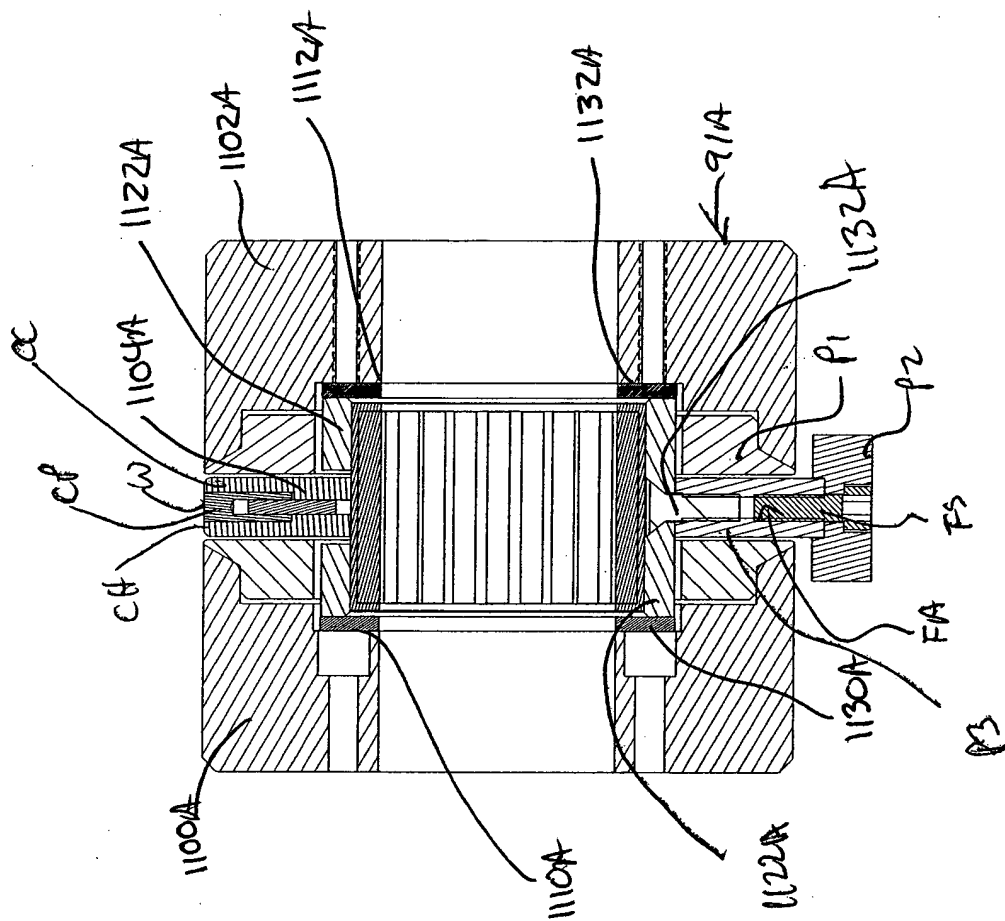
FIG. 147







F16-149



F16-149A

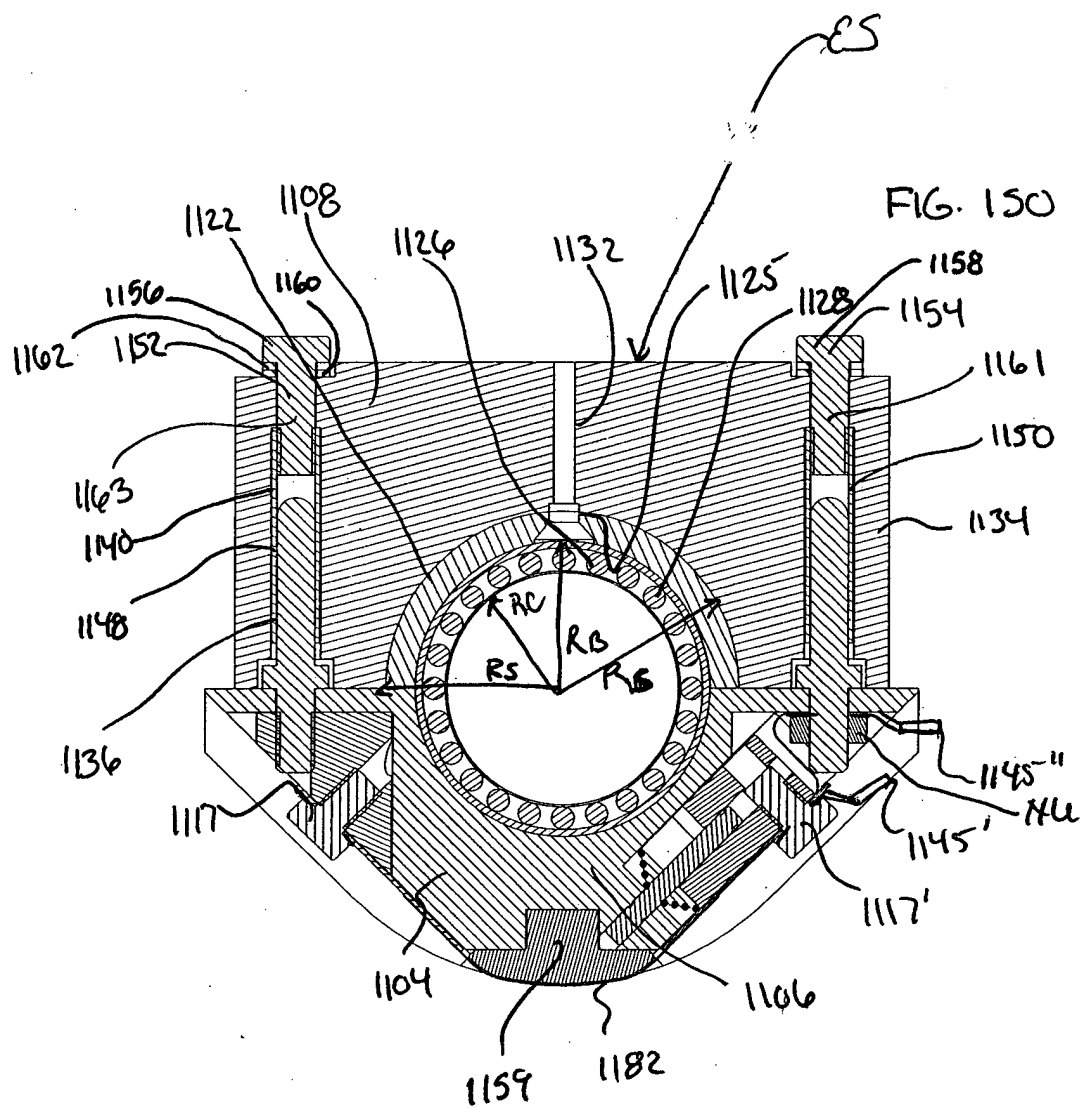
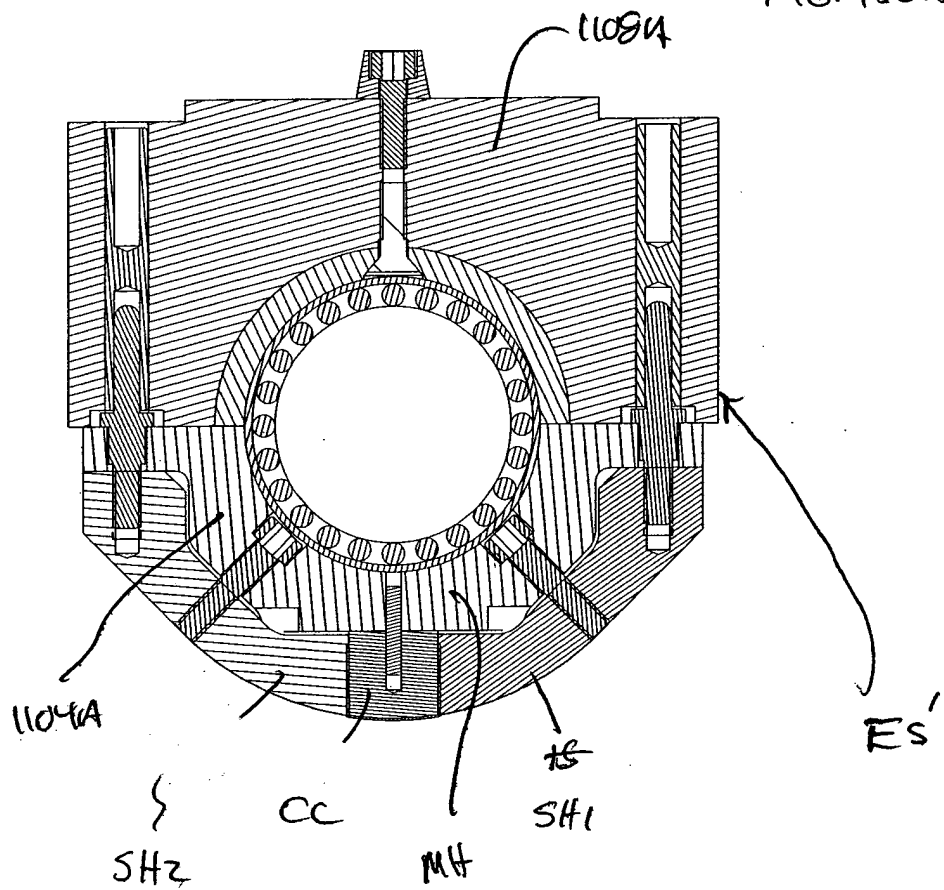


FIG. 1504



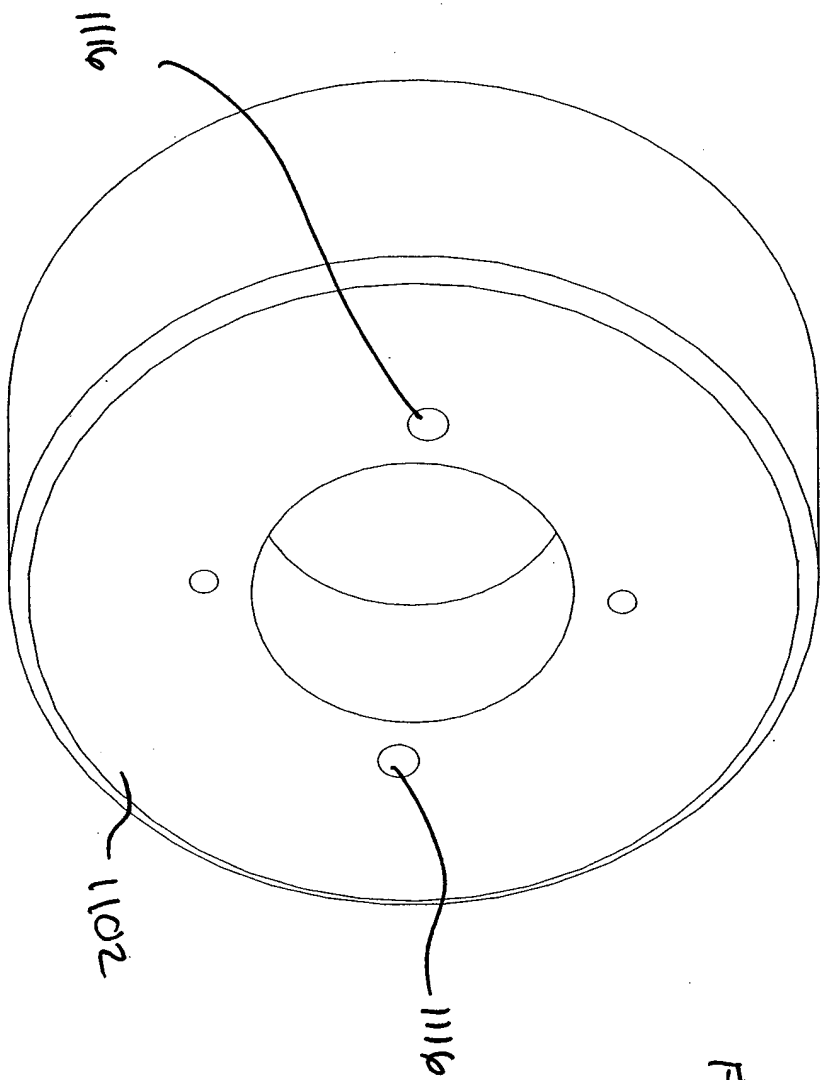
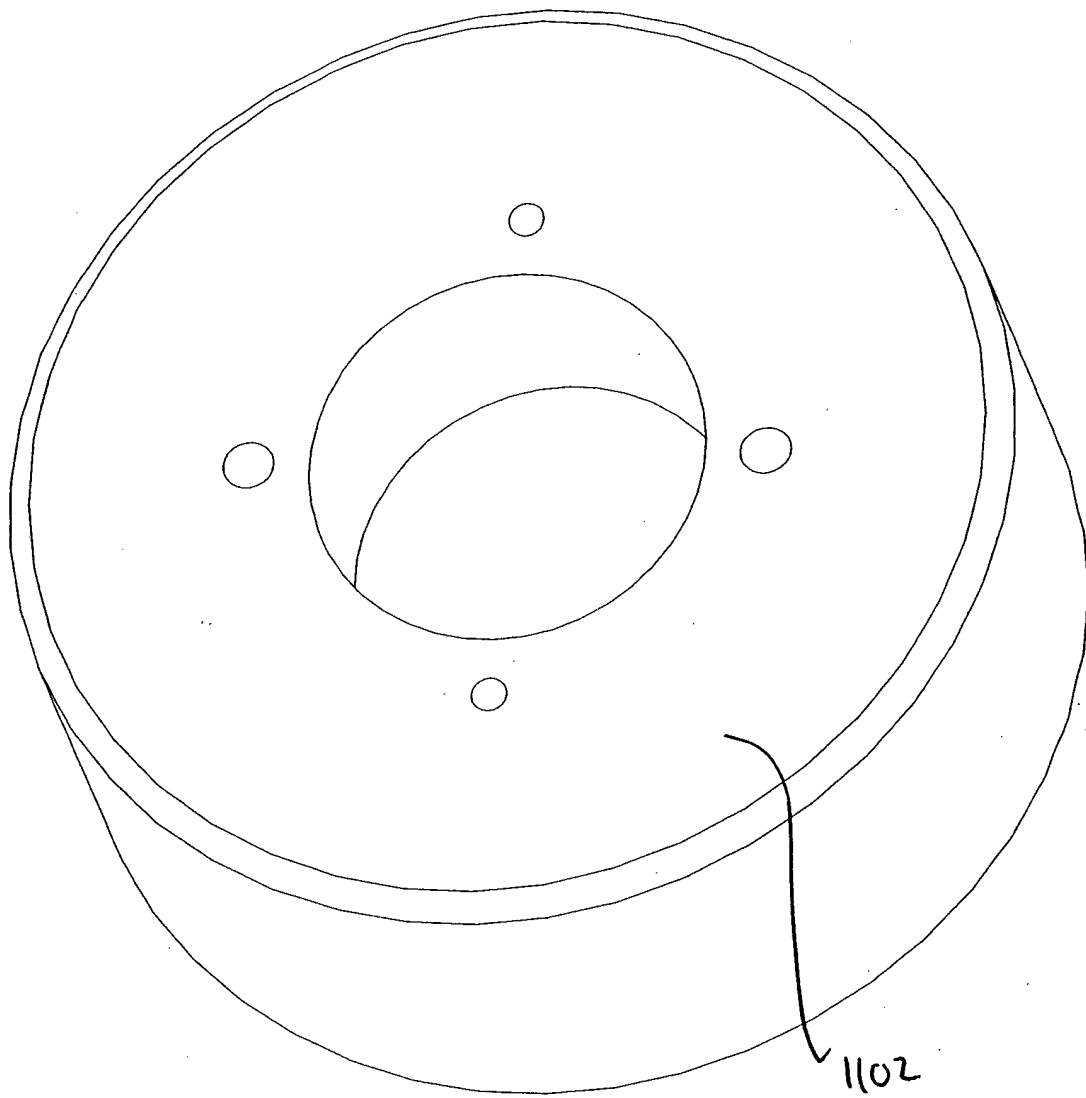


FIG. 151

FIG. 151A



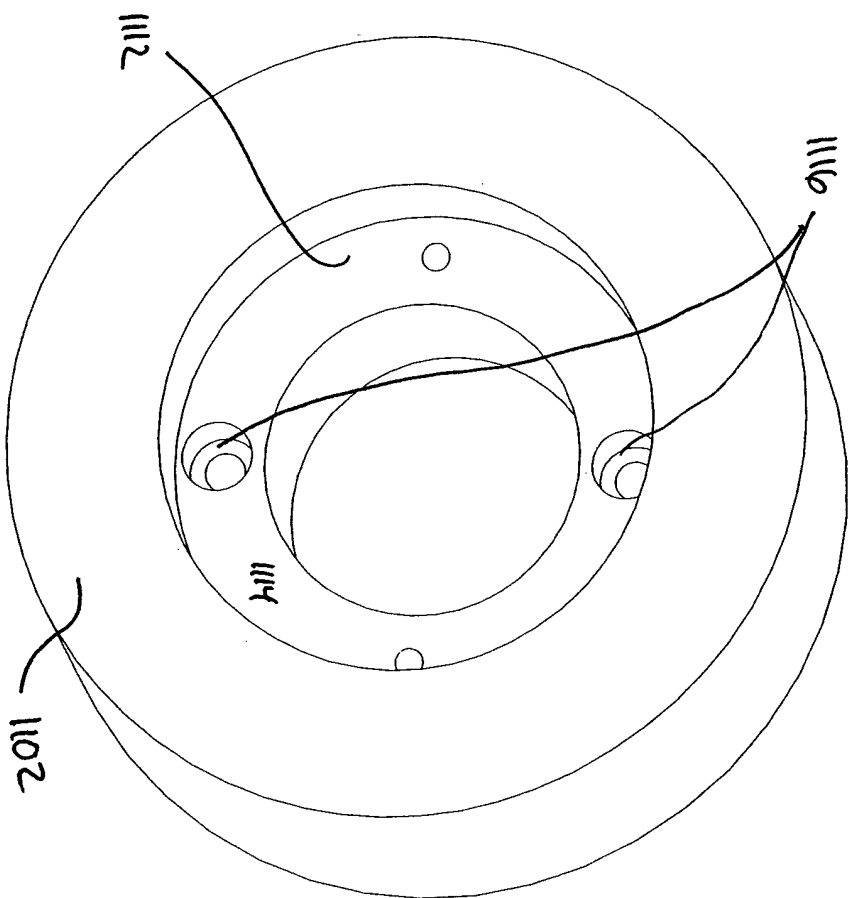
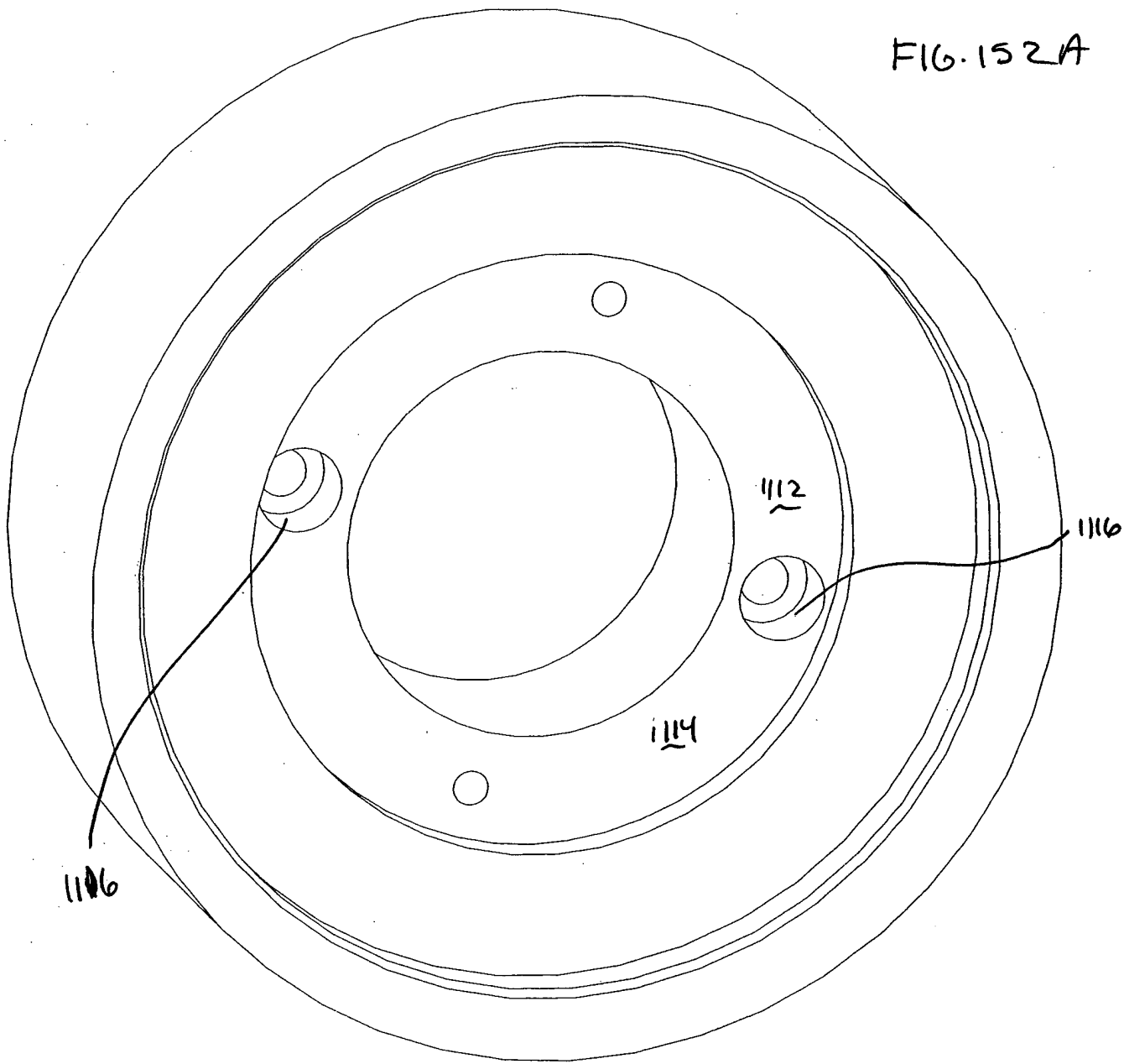


FIG. 152

FIG. 152A



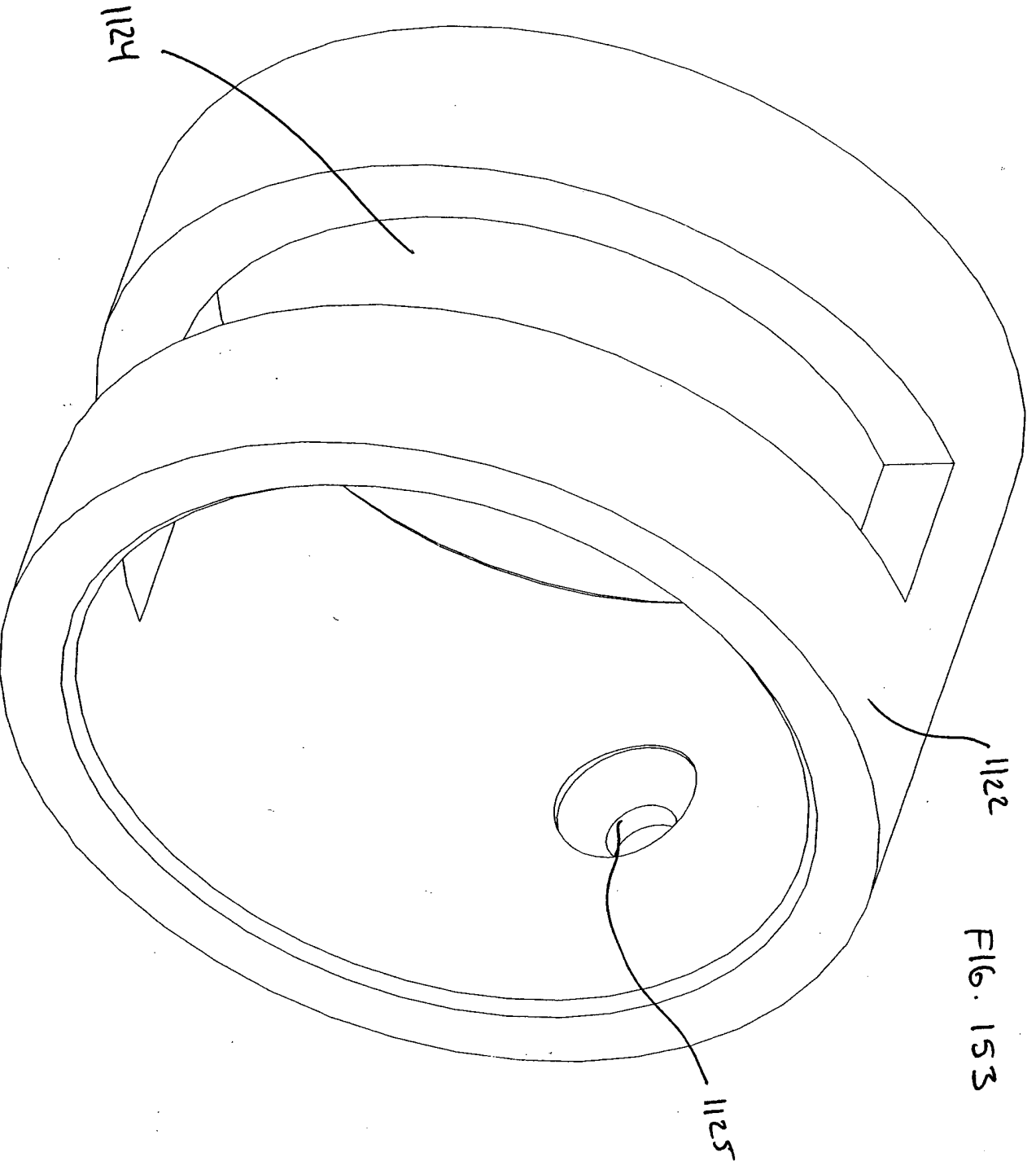


FIG. 153

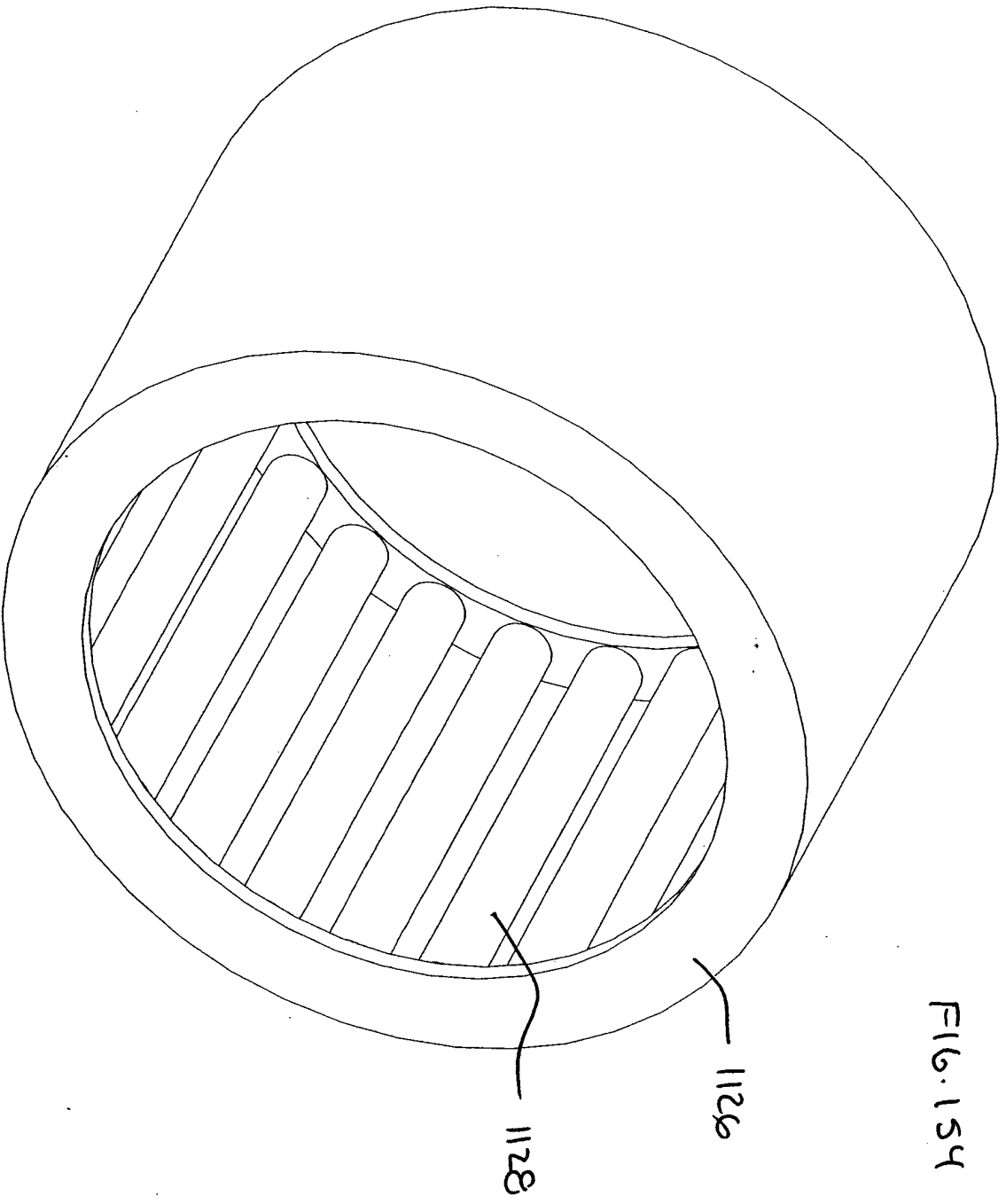


FIG. 154

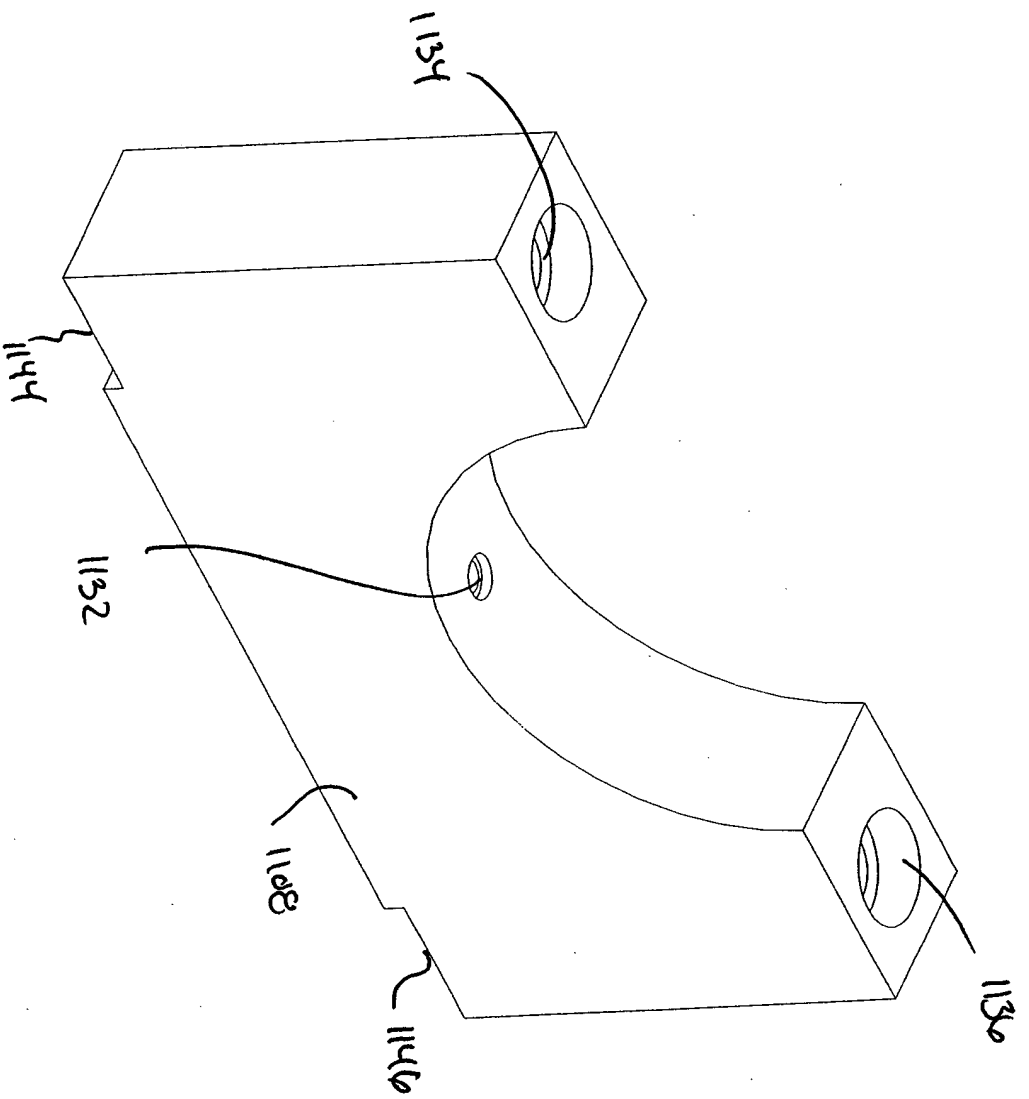


FIG. 155

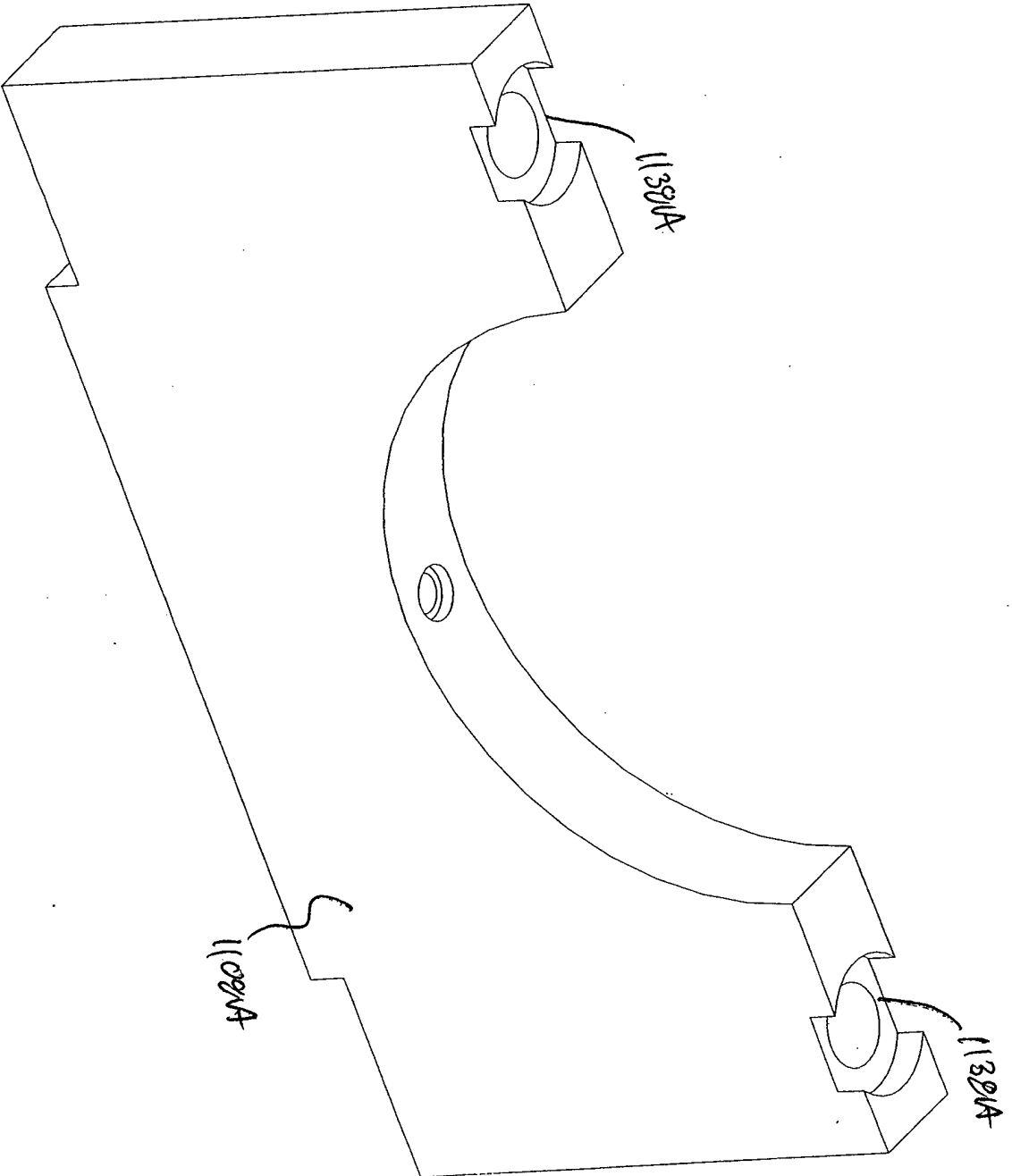


FIG. 155A

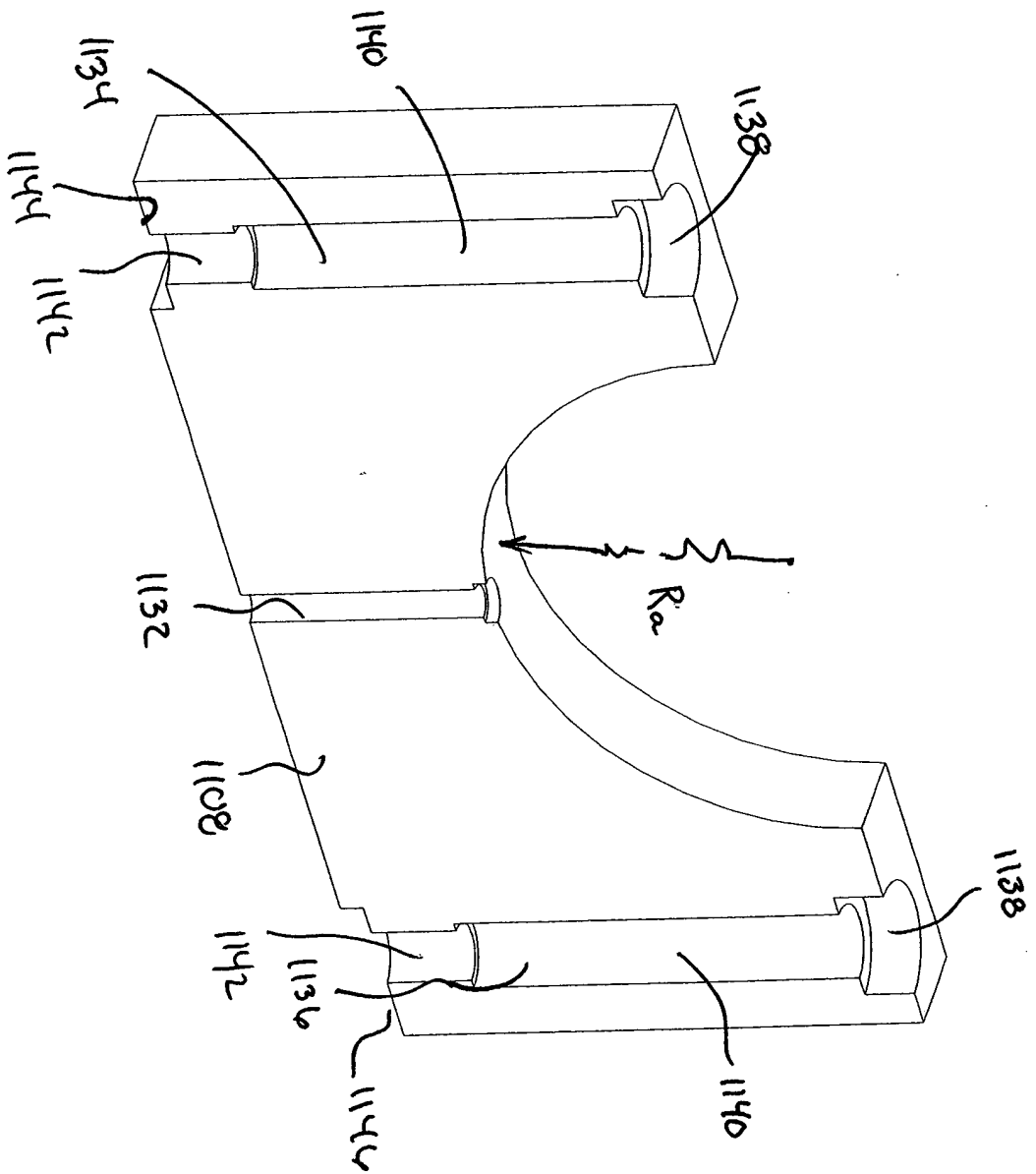


FIG. 15C

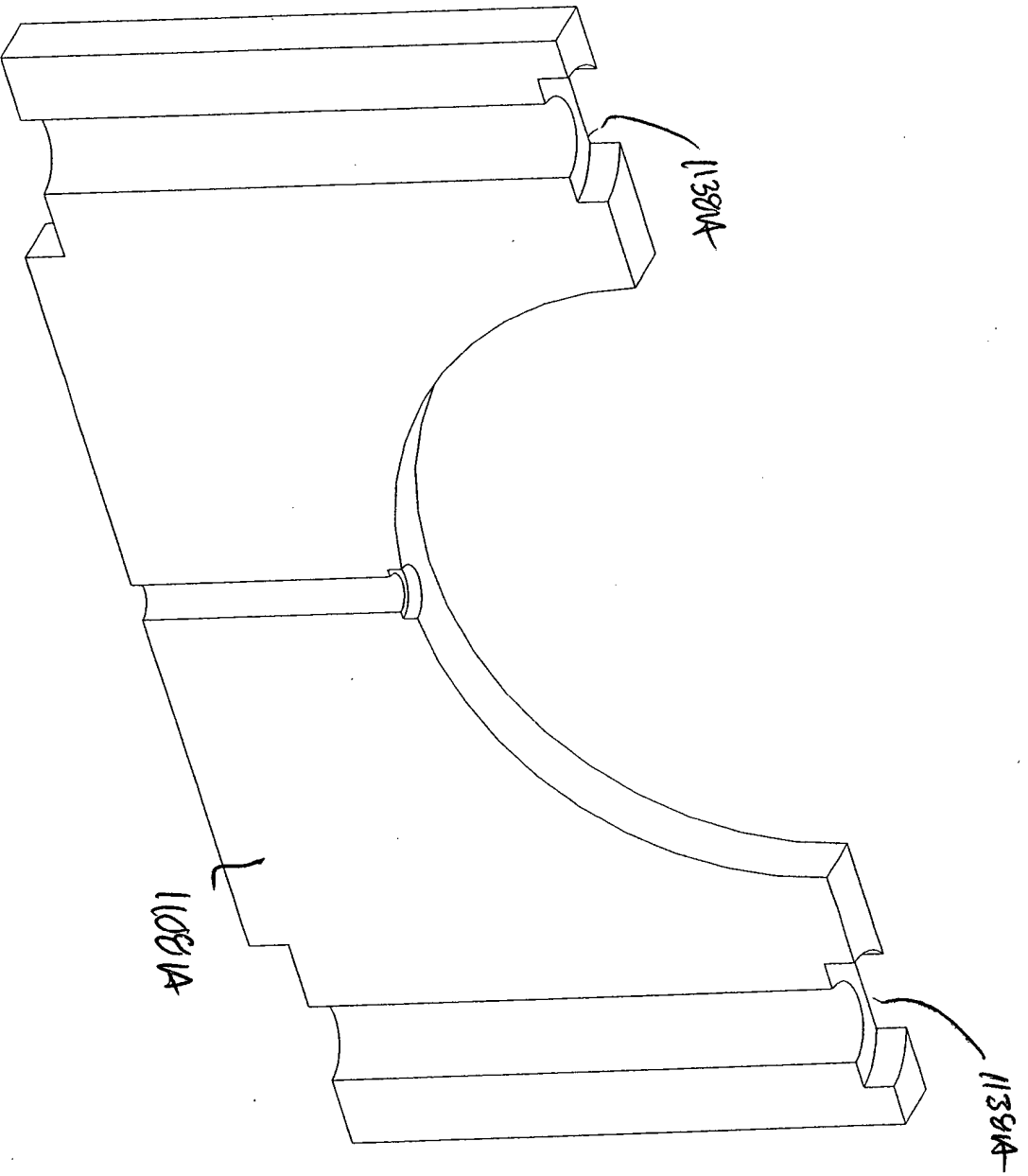


FIG. 1564

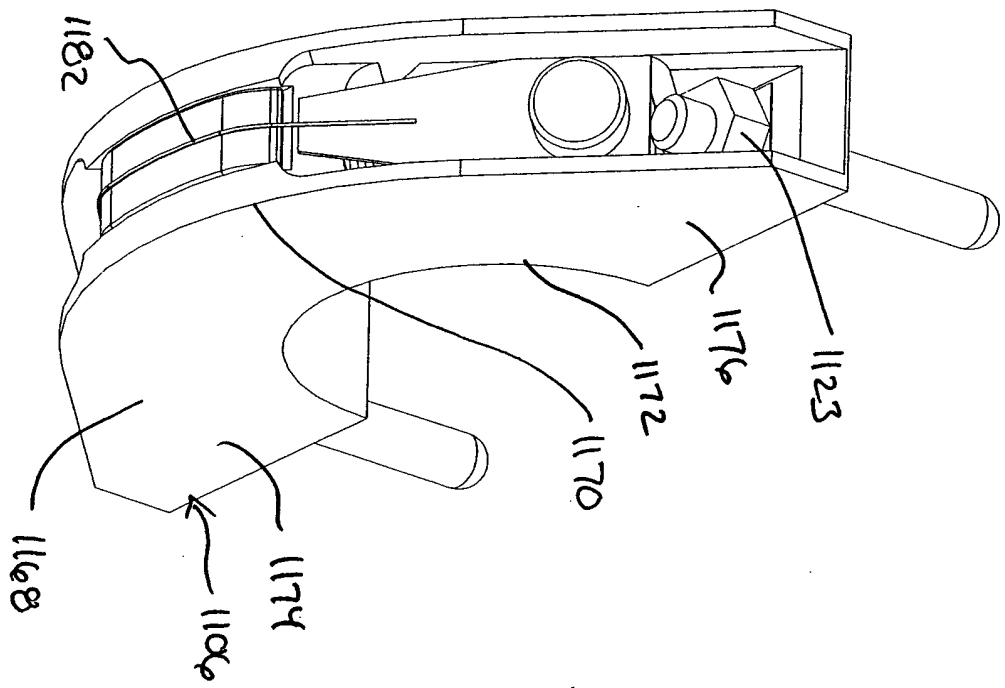


FIG. 157

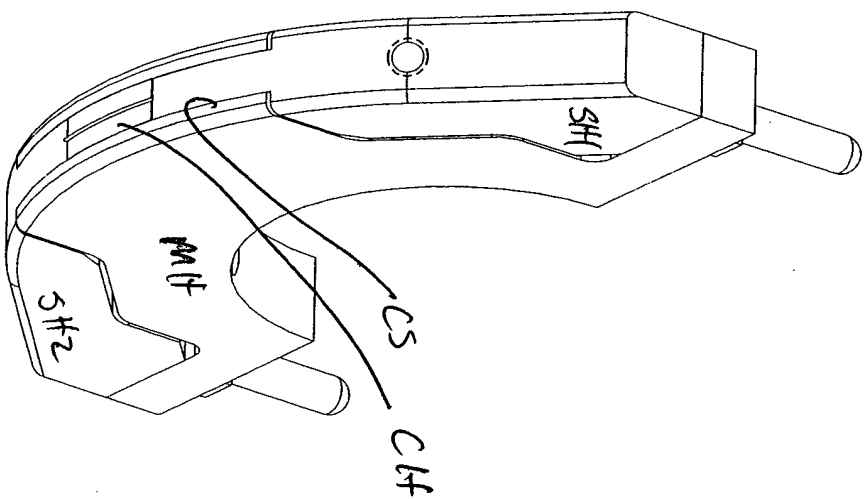


FIG. 157A

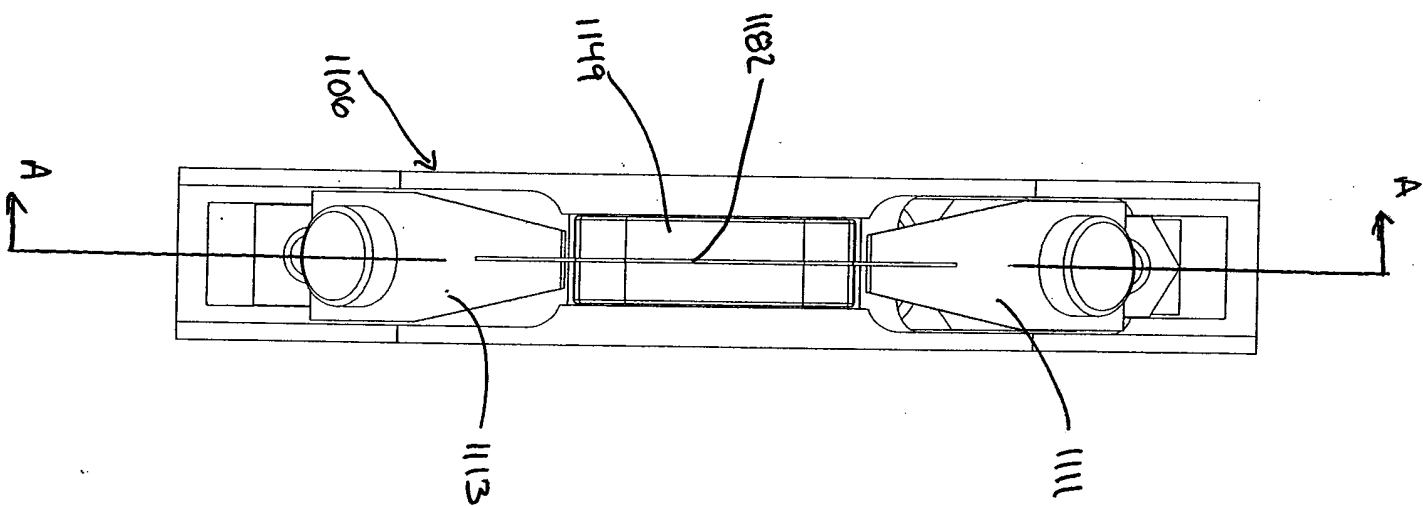


FIG. 158

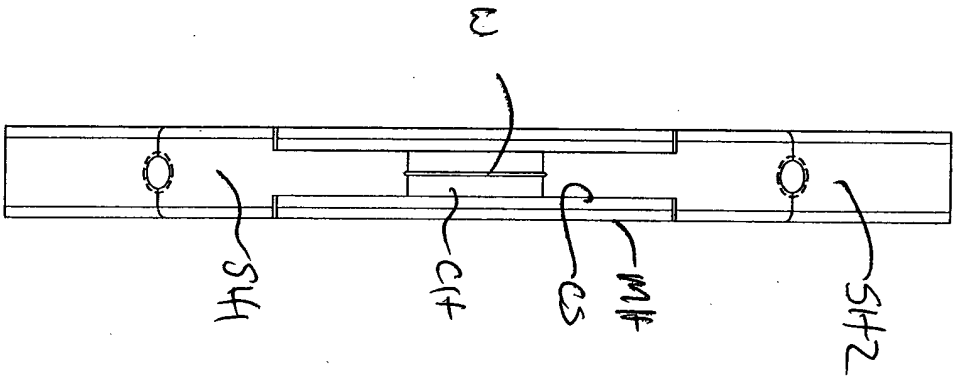


FIG. 158A

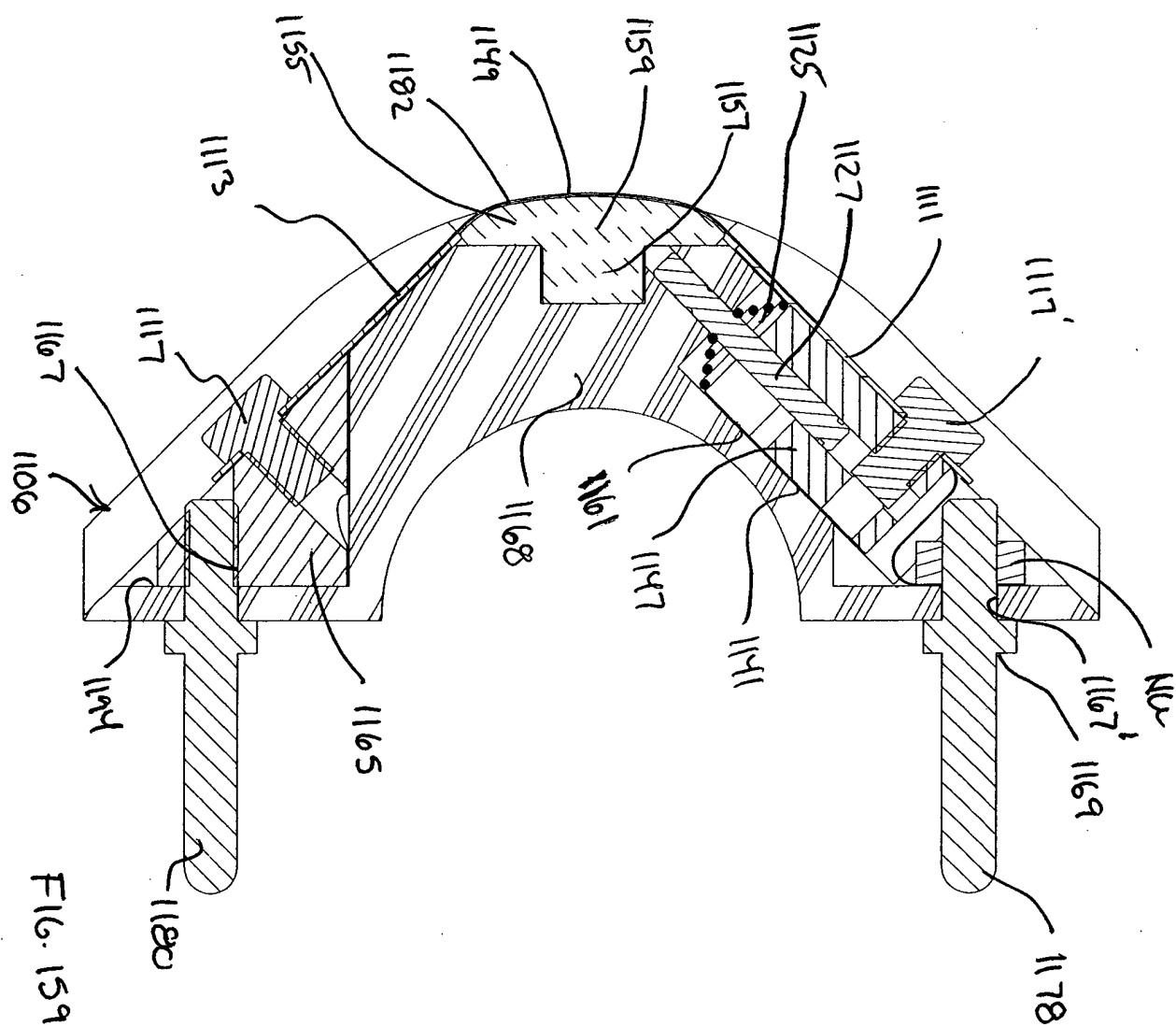


FIG. 159

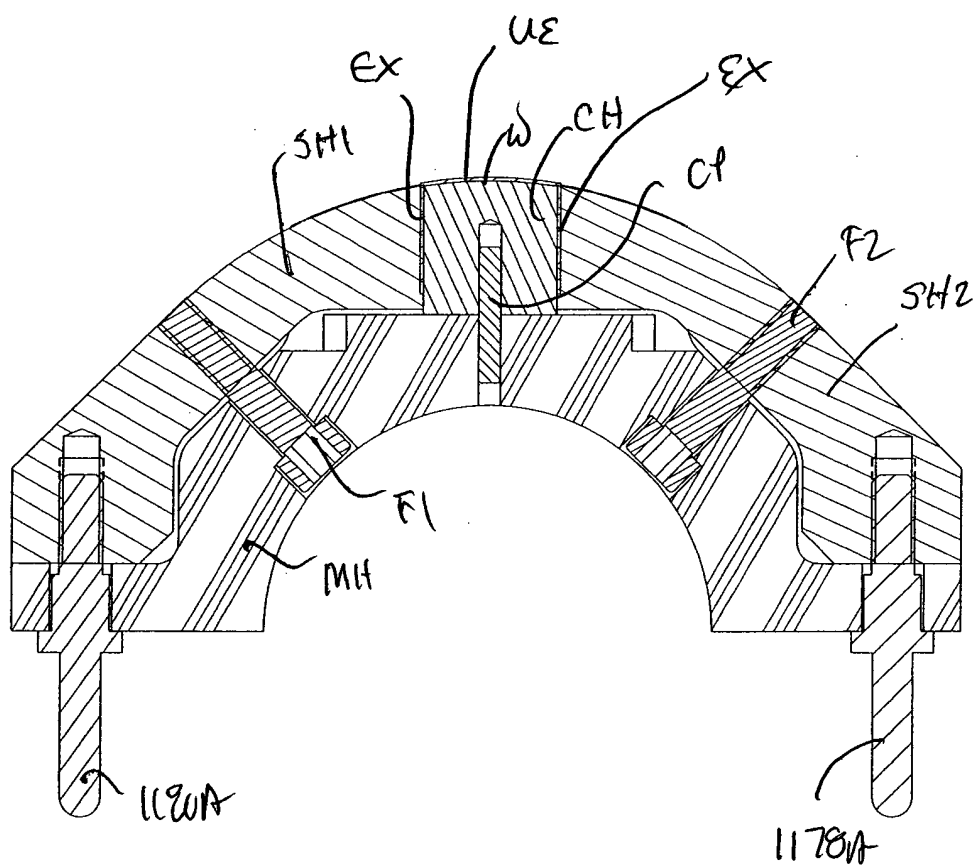


FIG-159A

FIG. 160

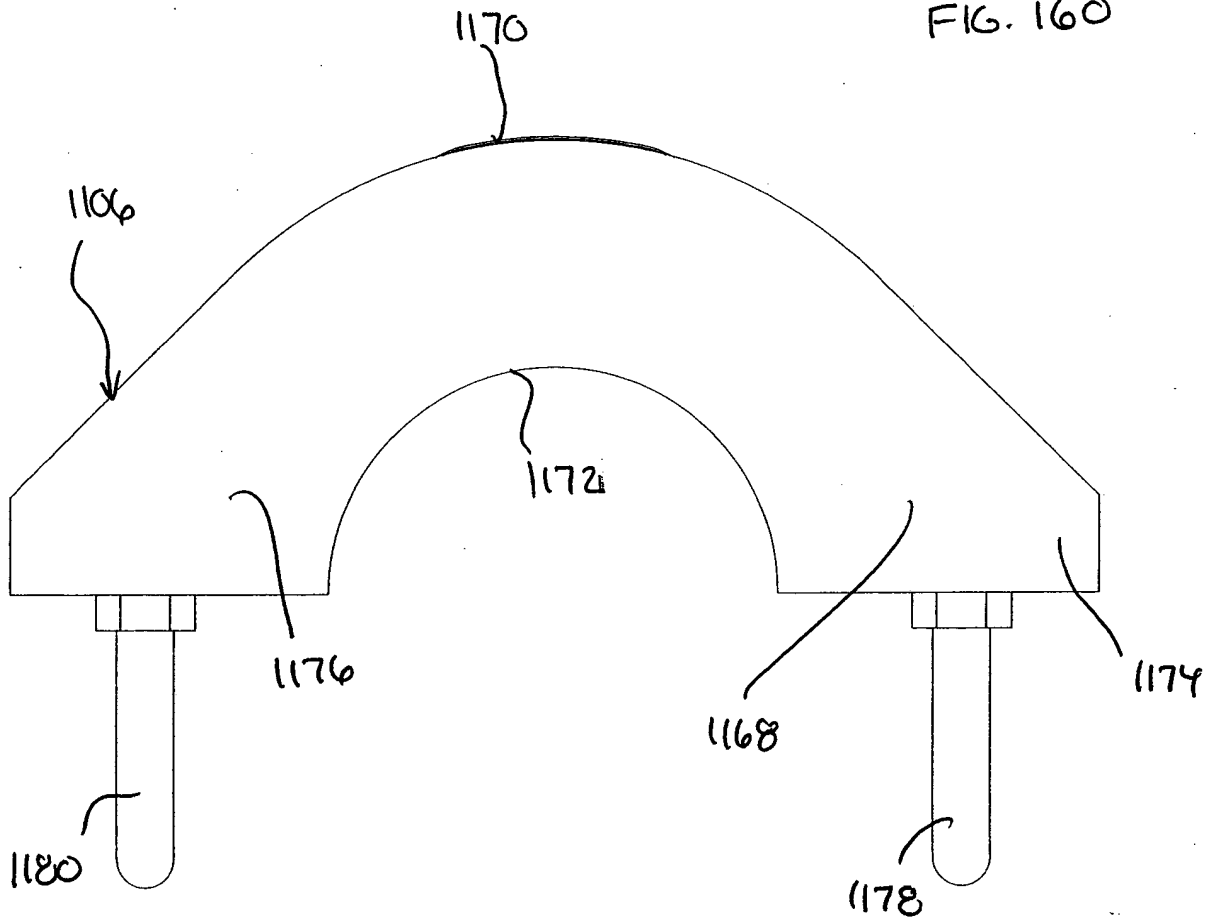
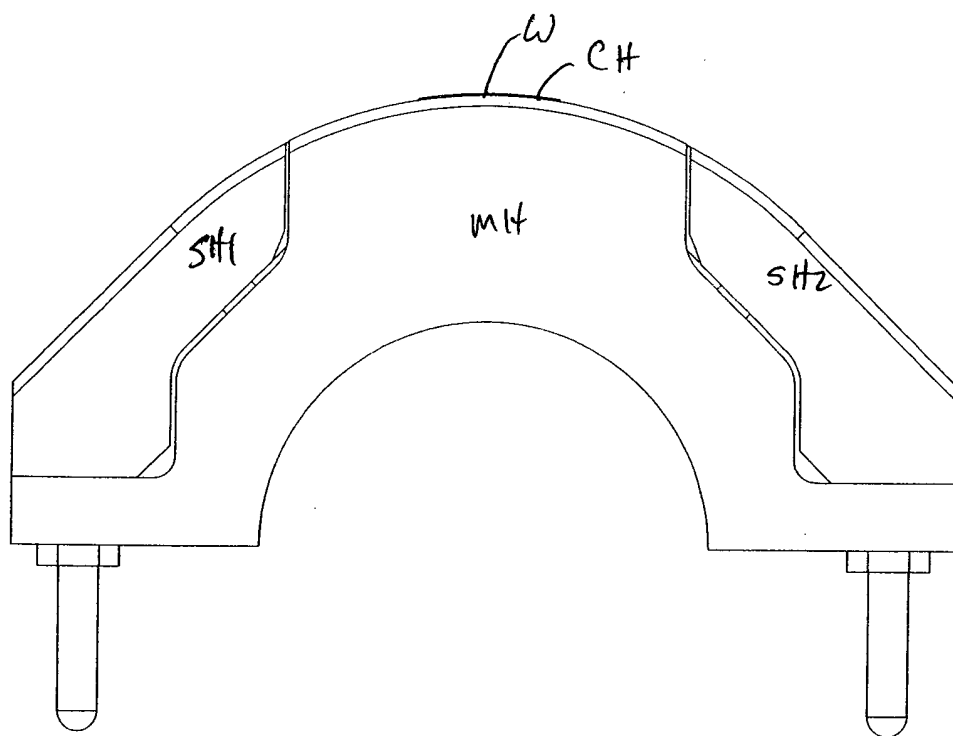


FIG. 160A



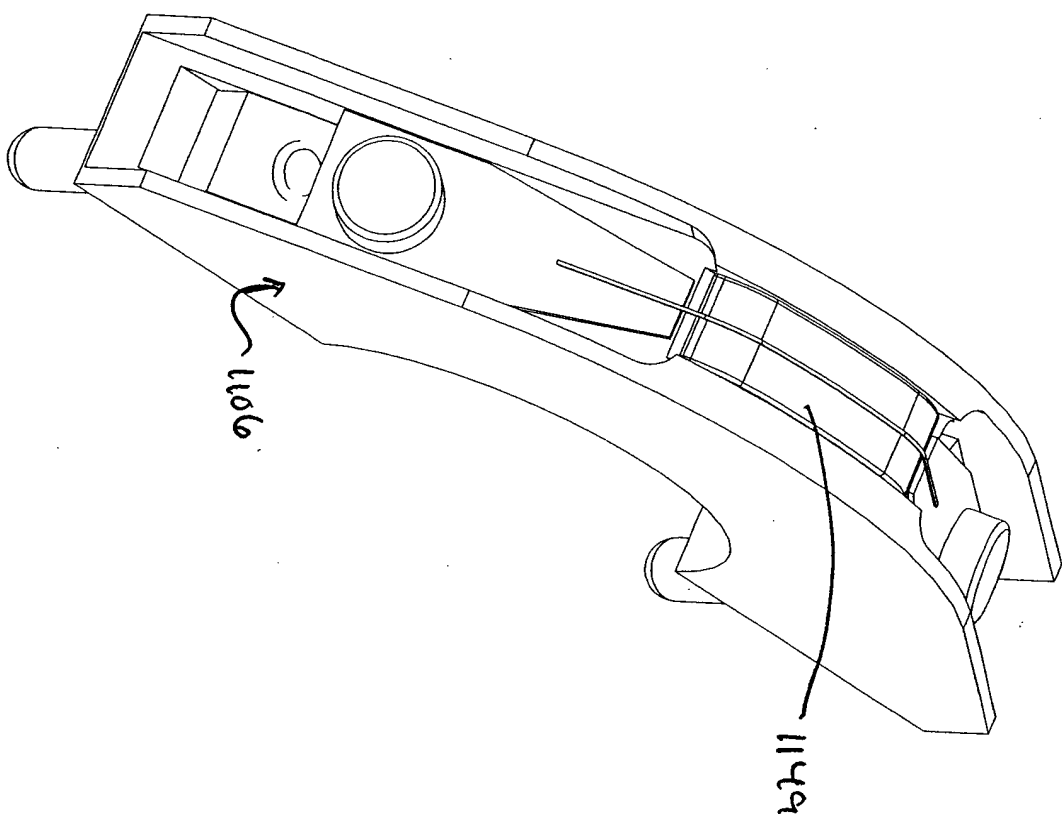


FIG. 161

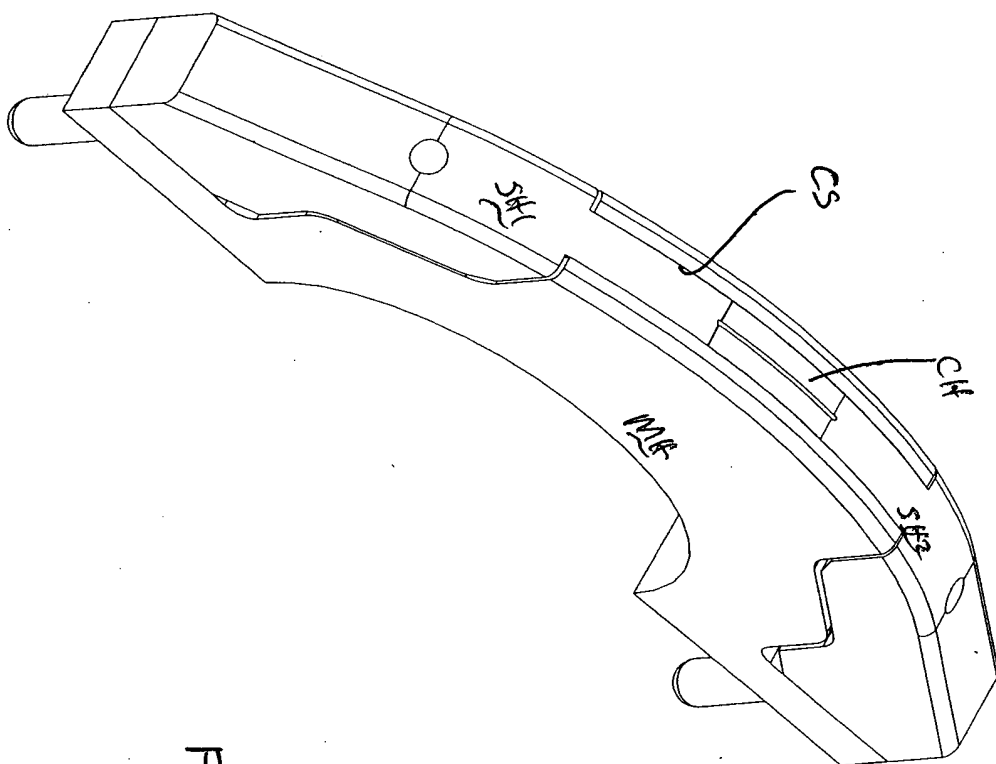
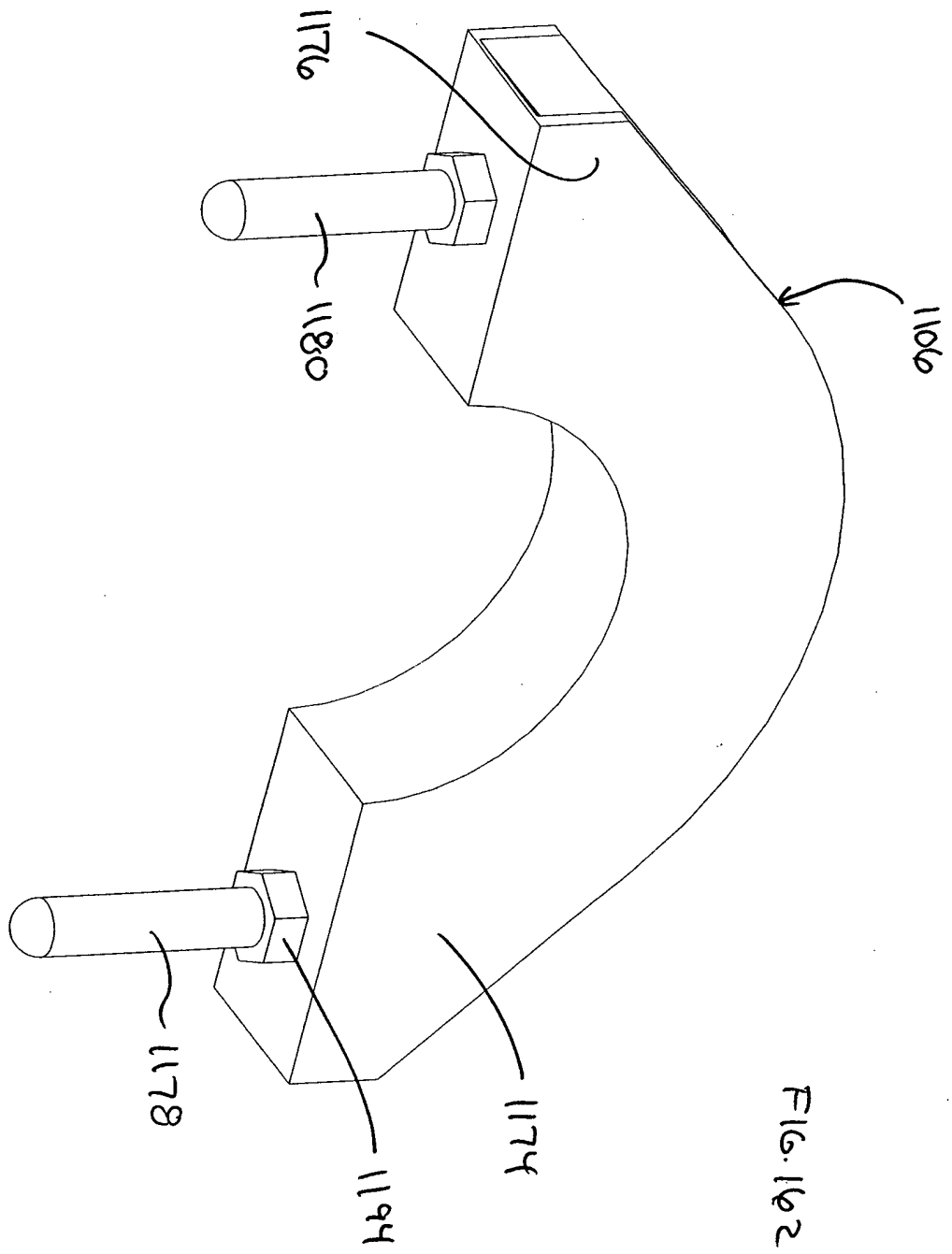


FIG. 161A



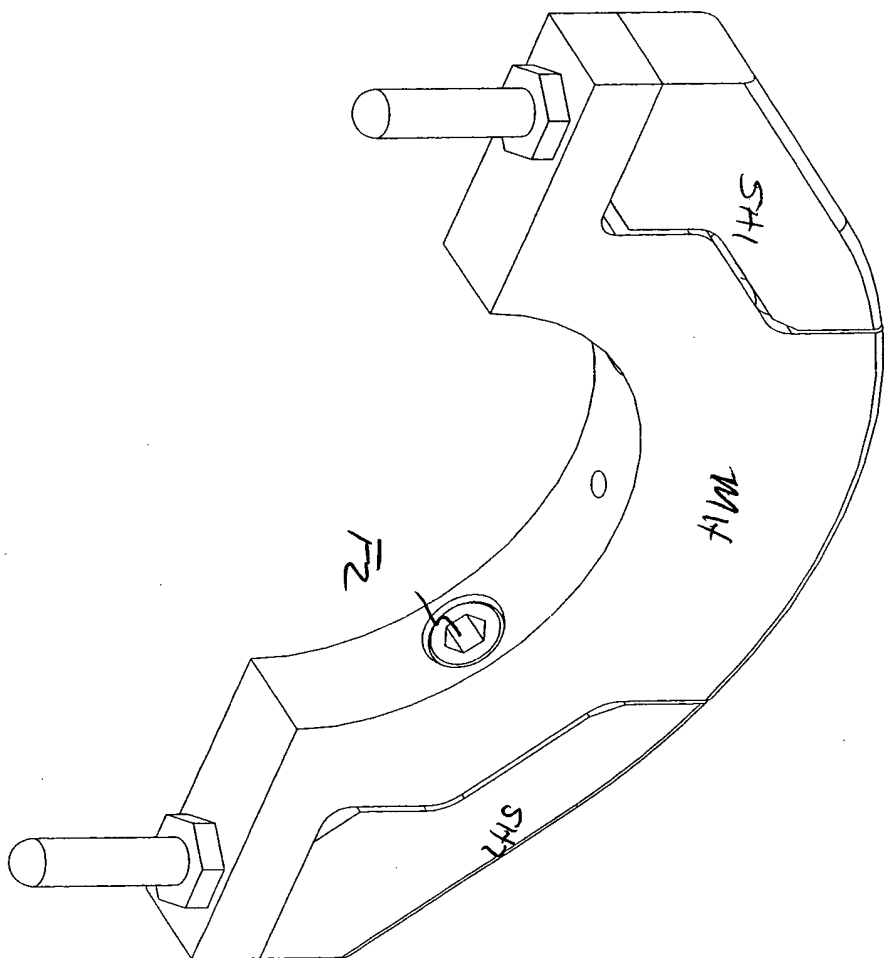


FIG. 1624

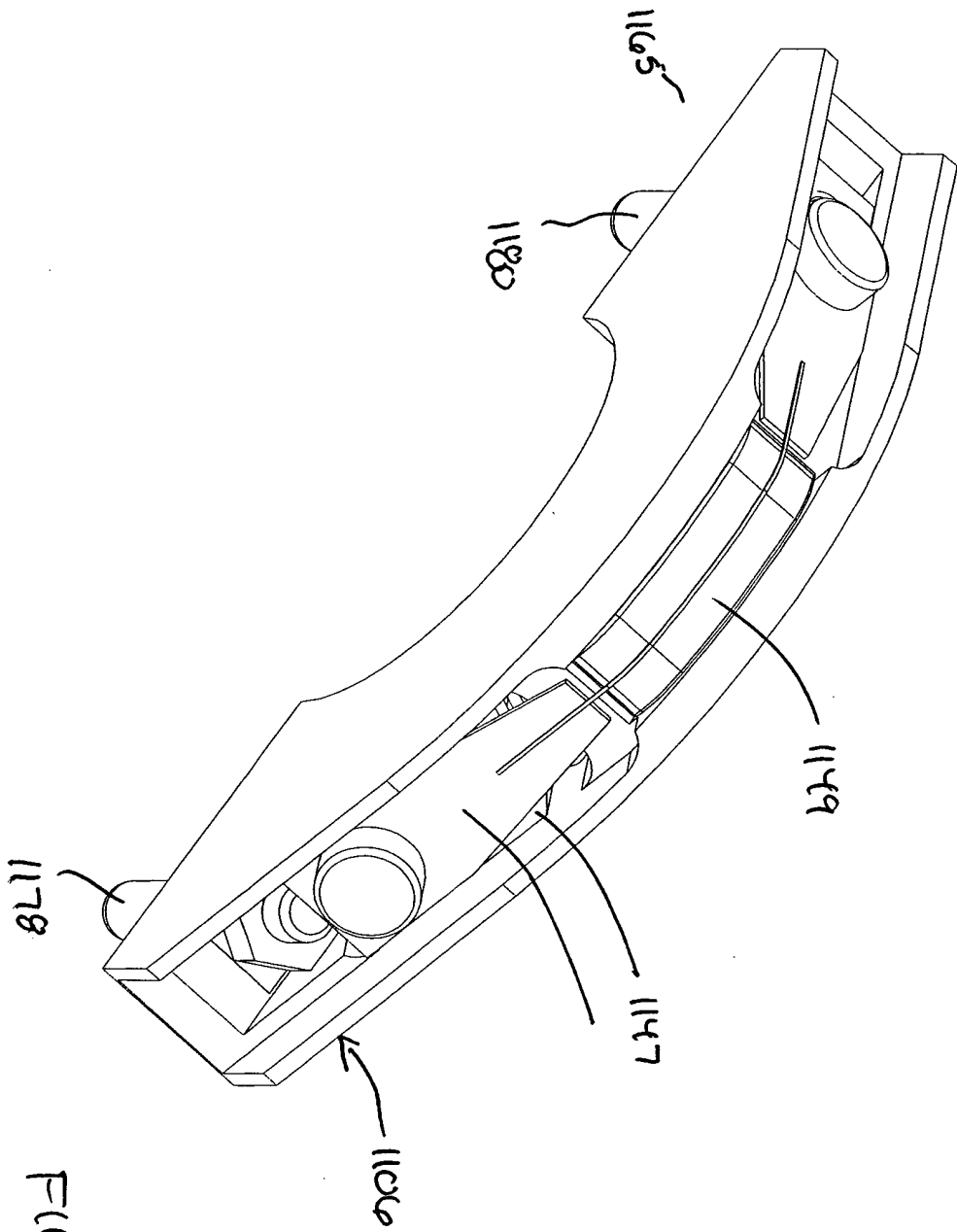


FIG. 163

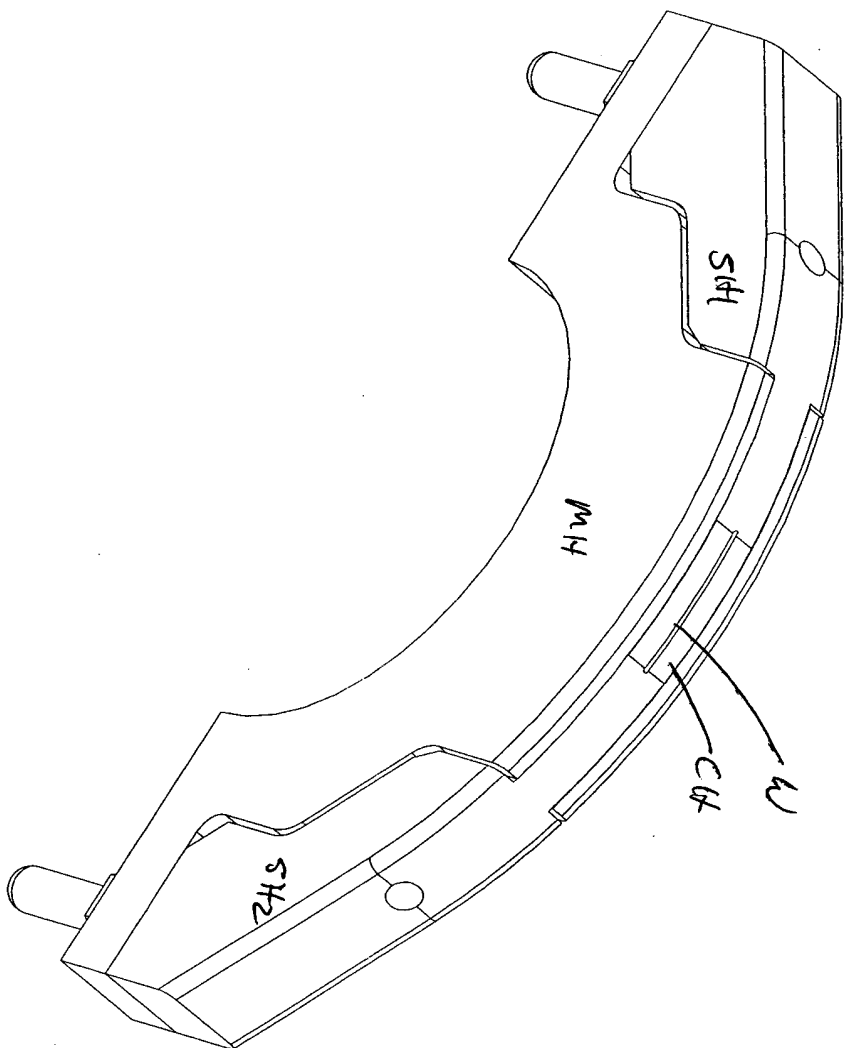


FIG. 163A

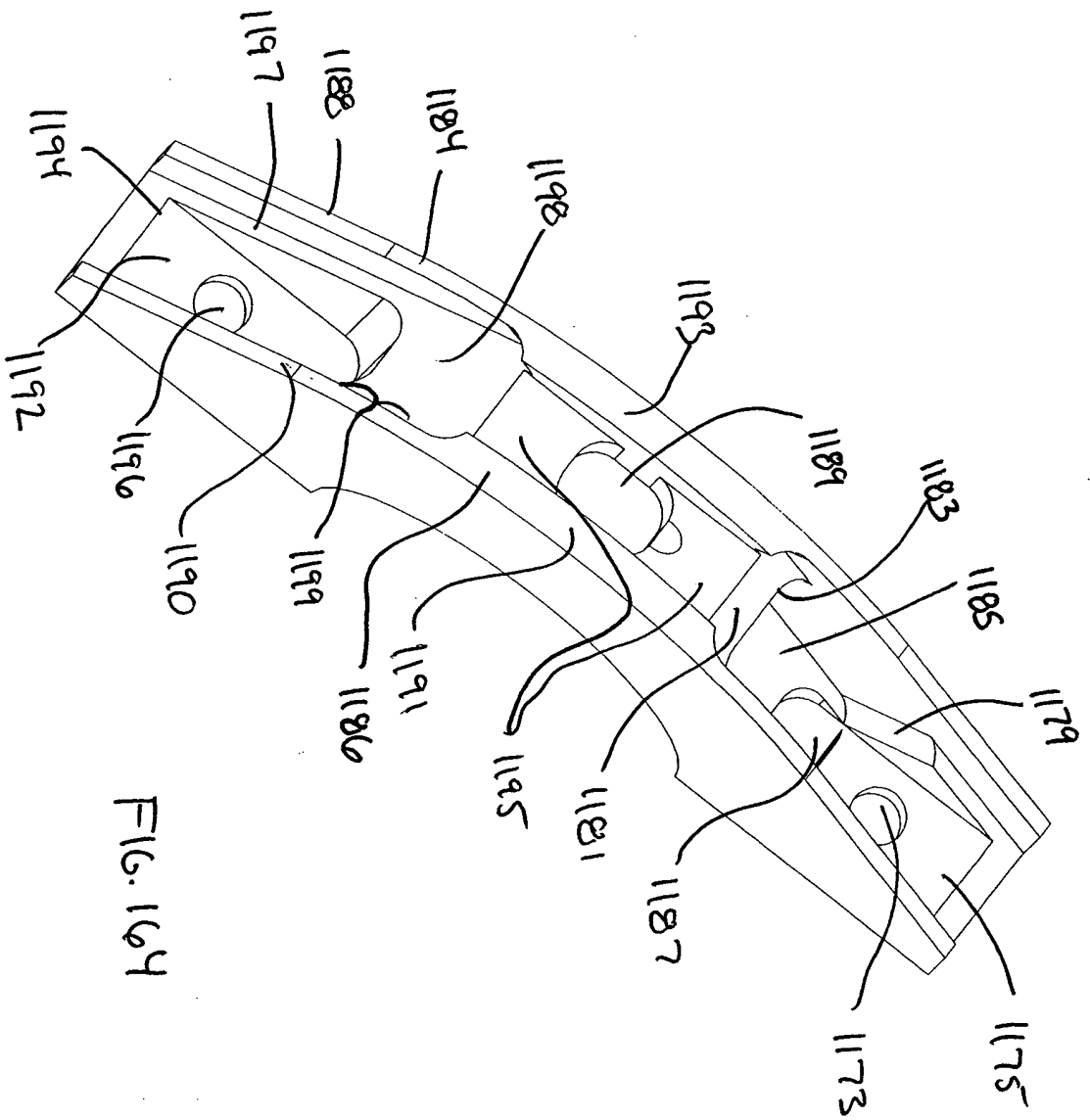


FIG. 164

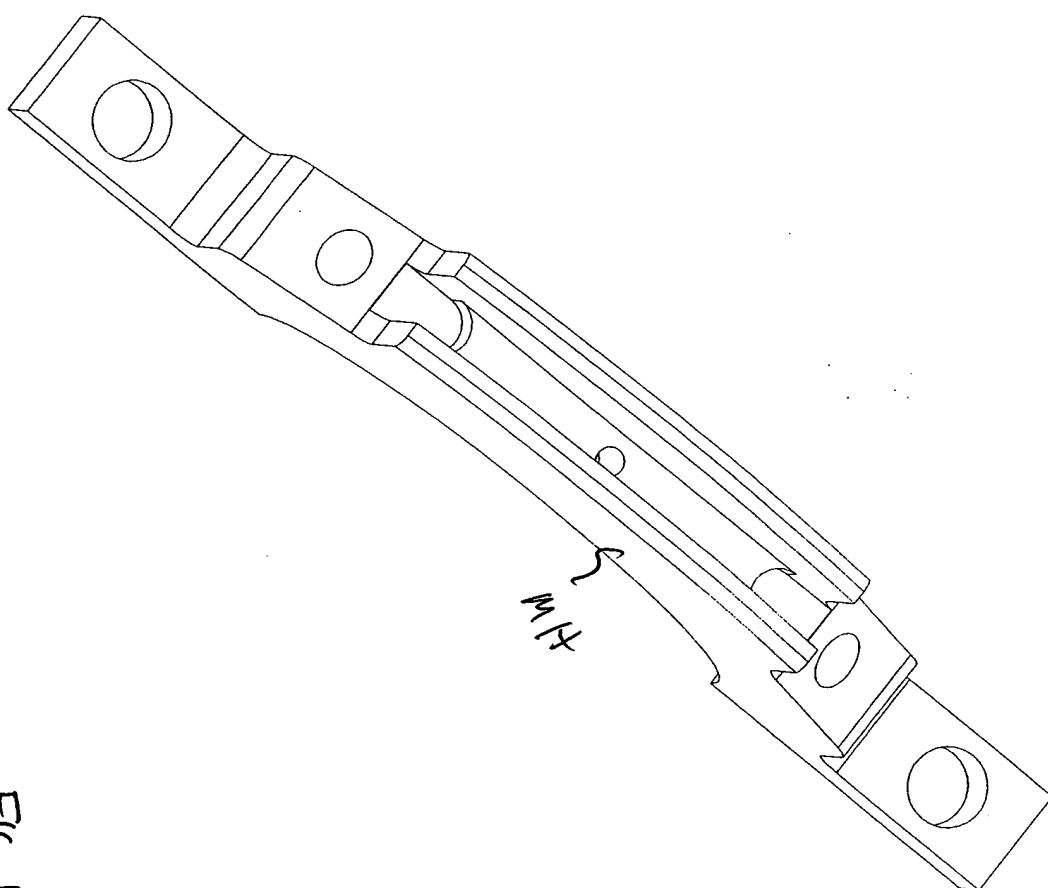


FIG. 164A

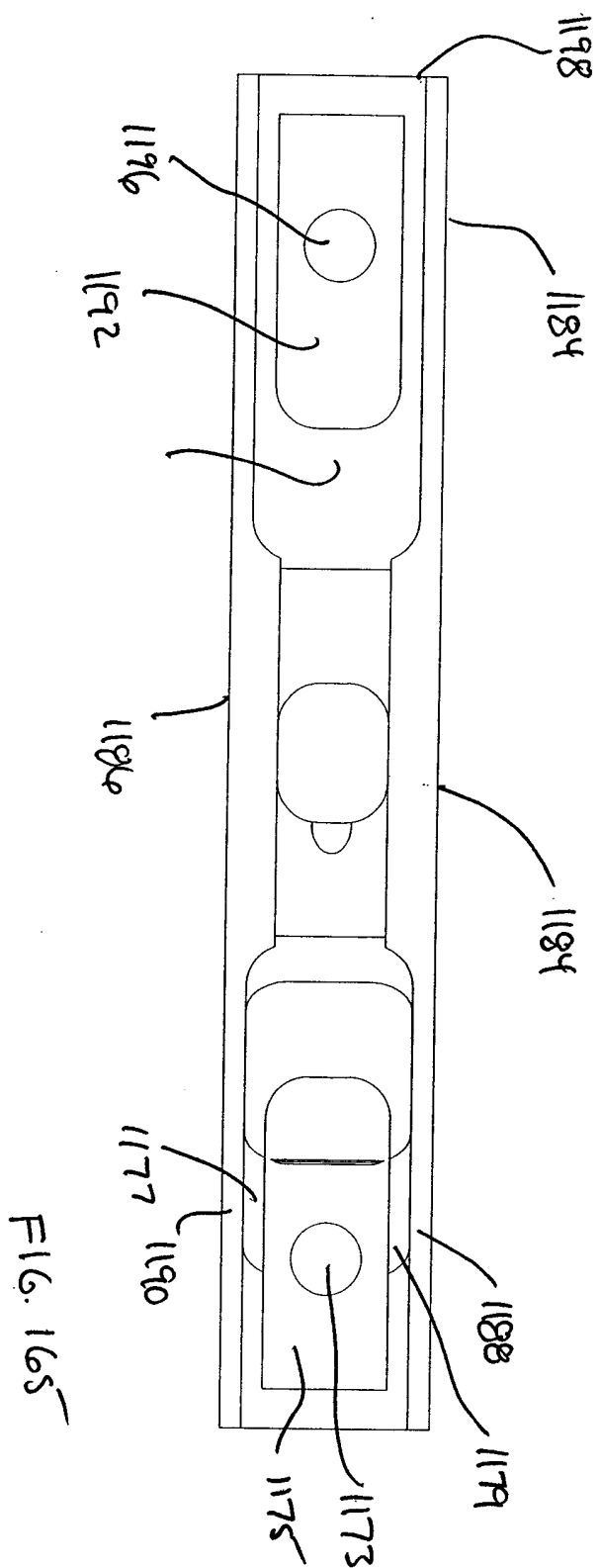


FIG. 165

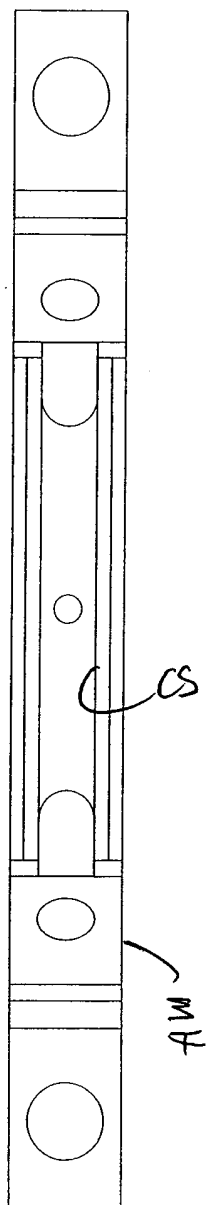


FIG. 165A

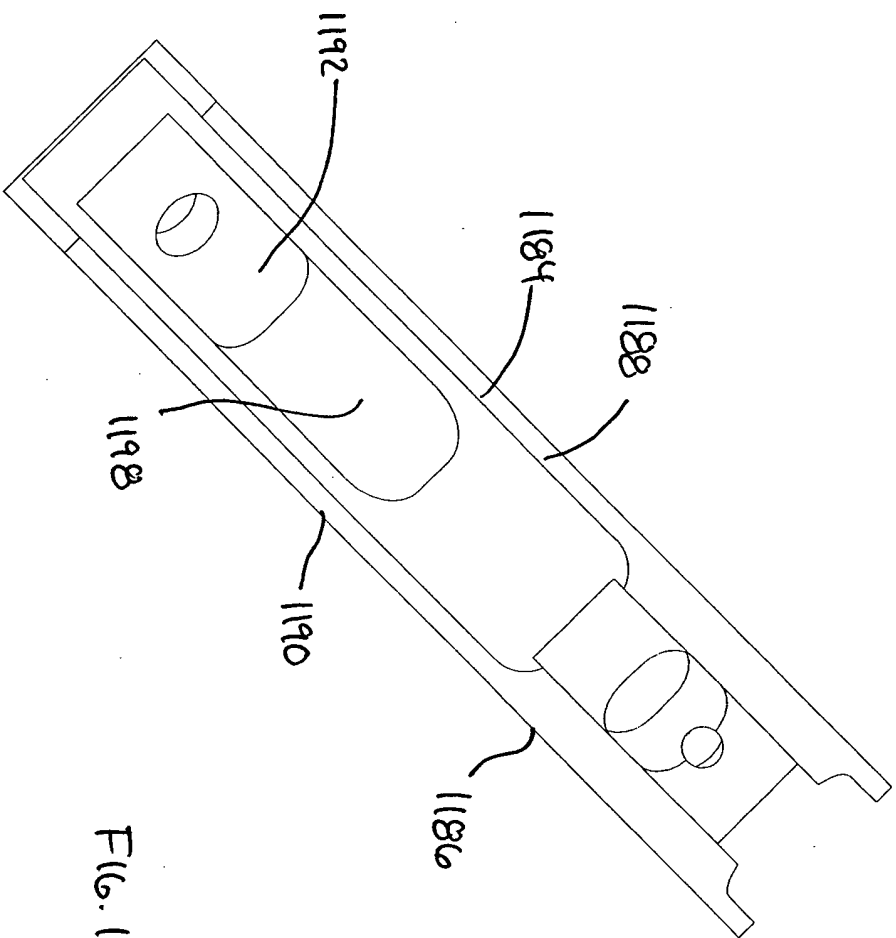


FIG. 166

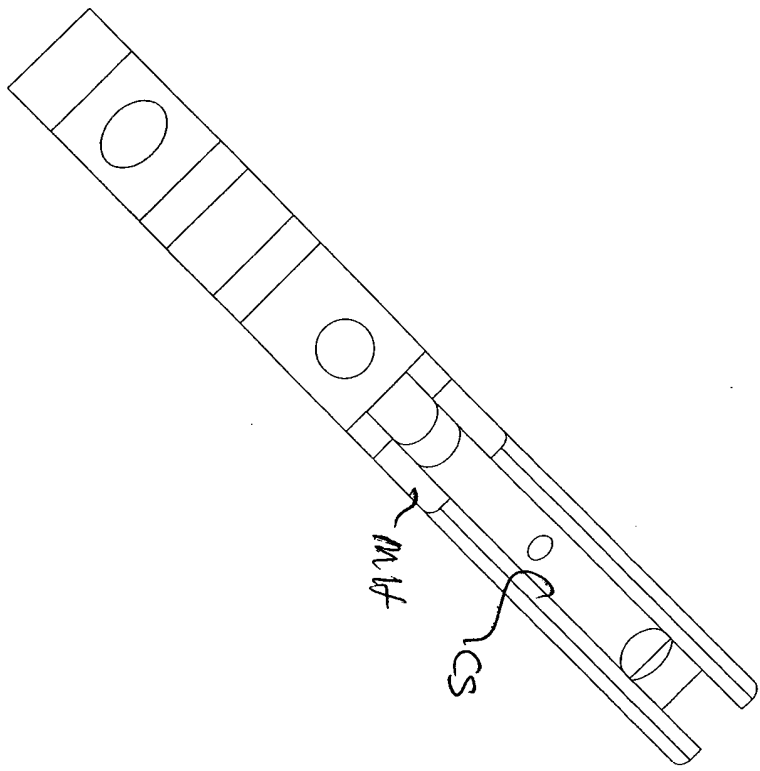


FIG. 166A

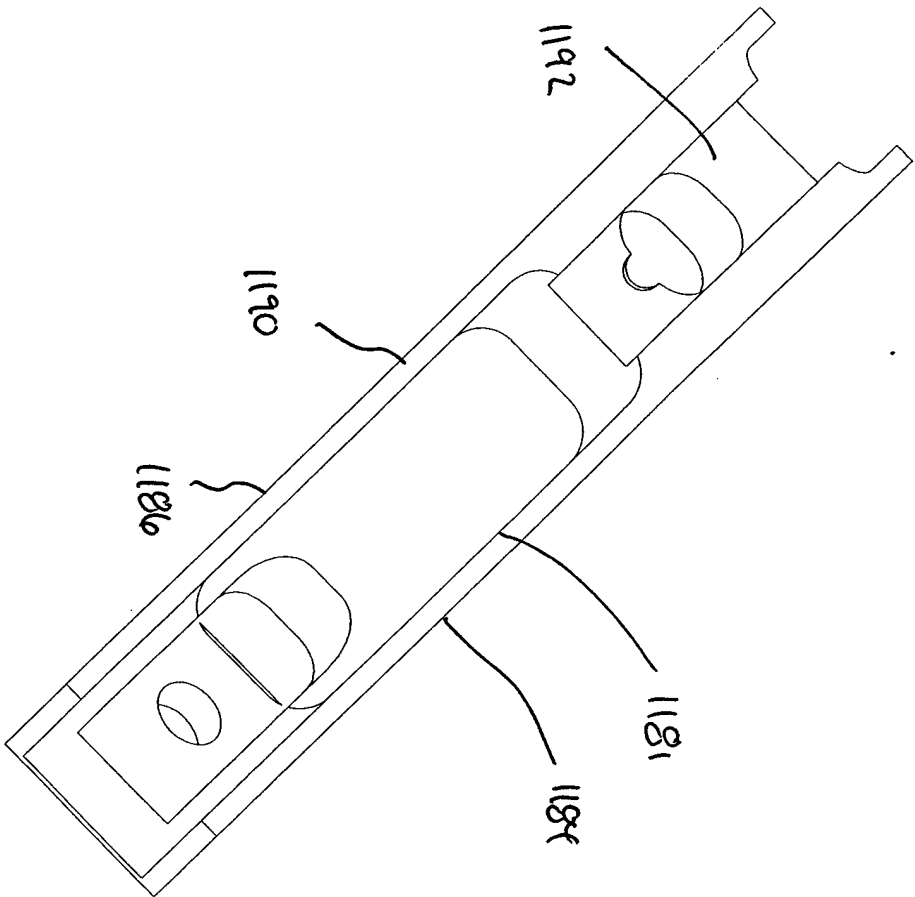


FIG. 167

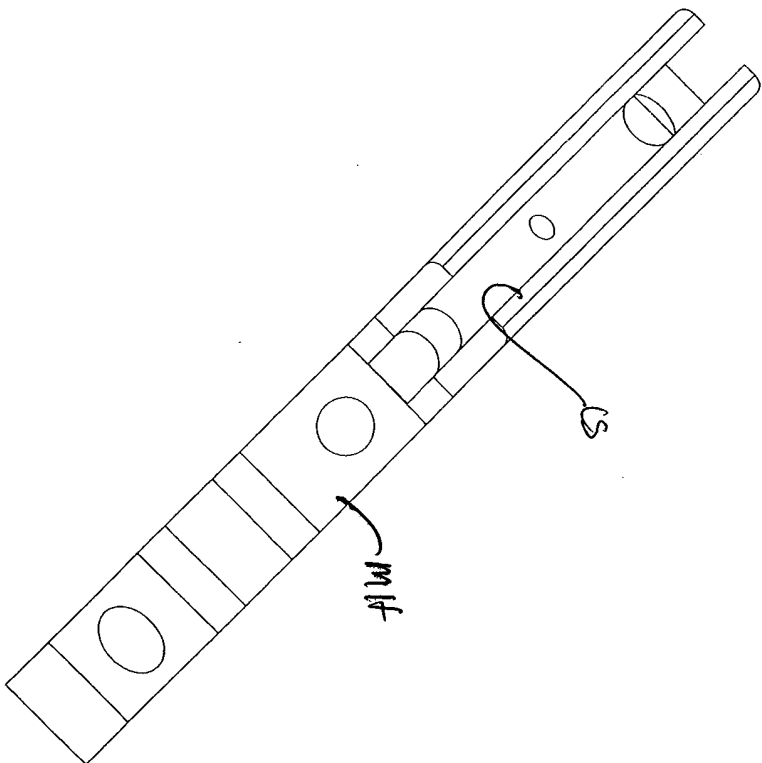
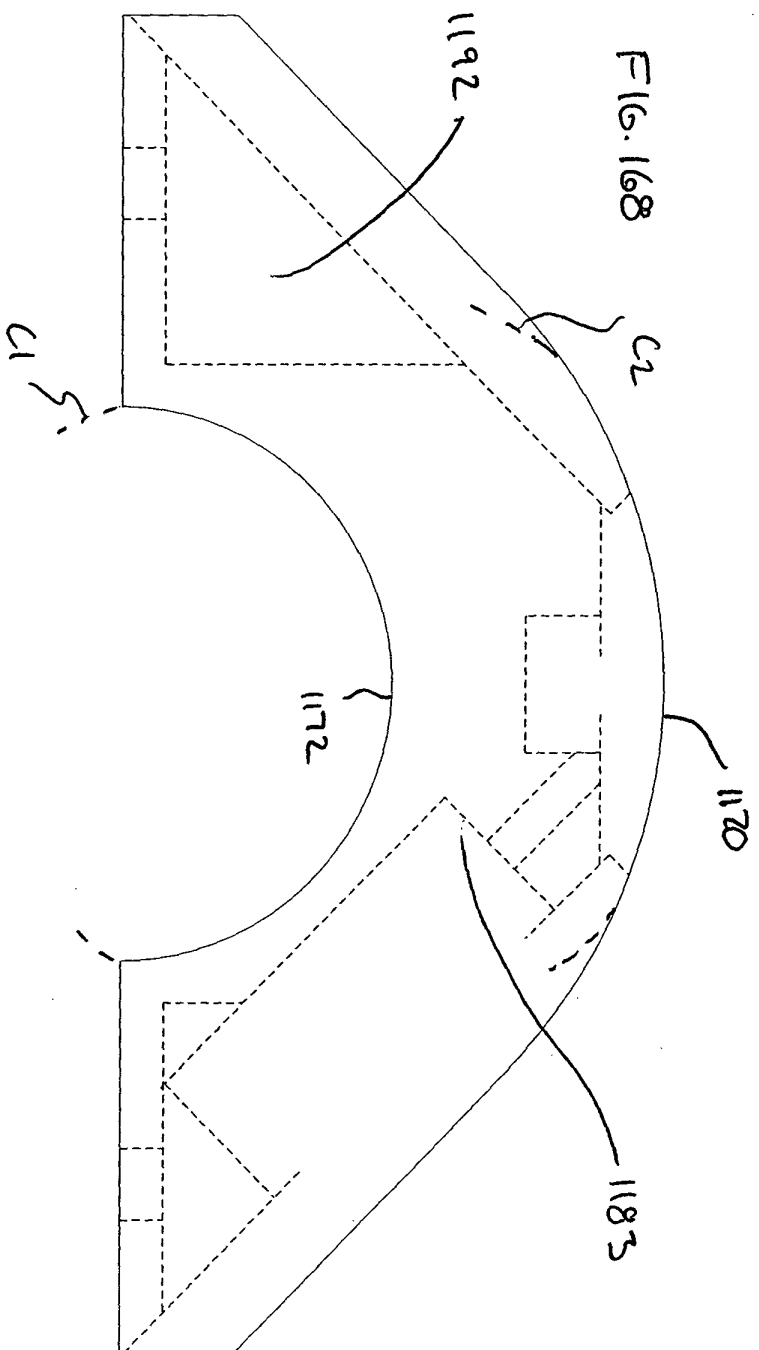


FIG. 16Z14



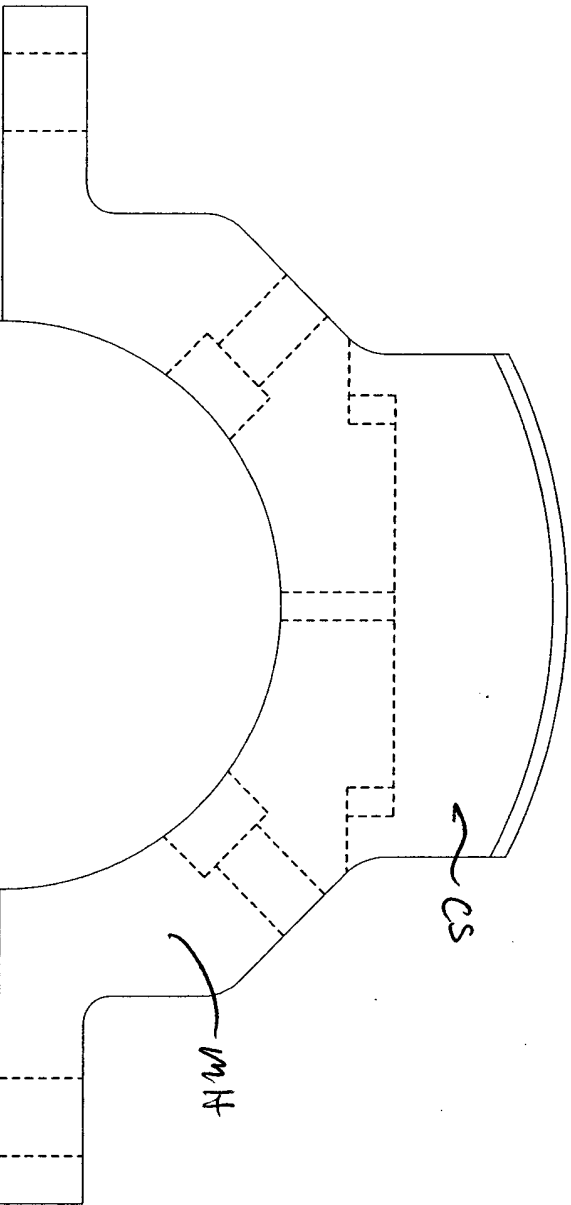


FIG. 1684

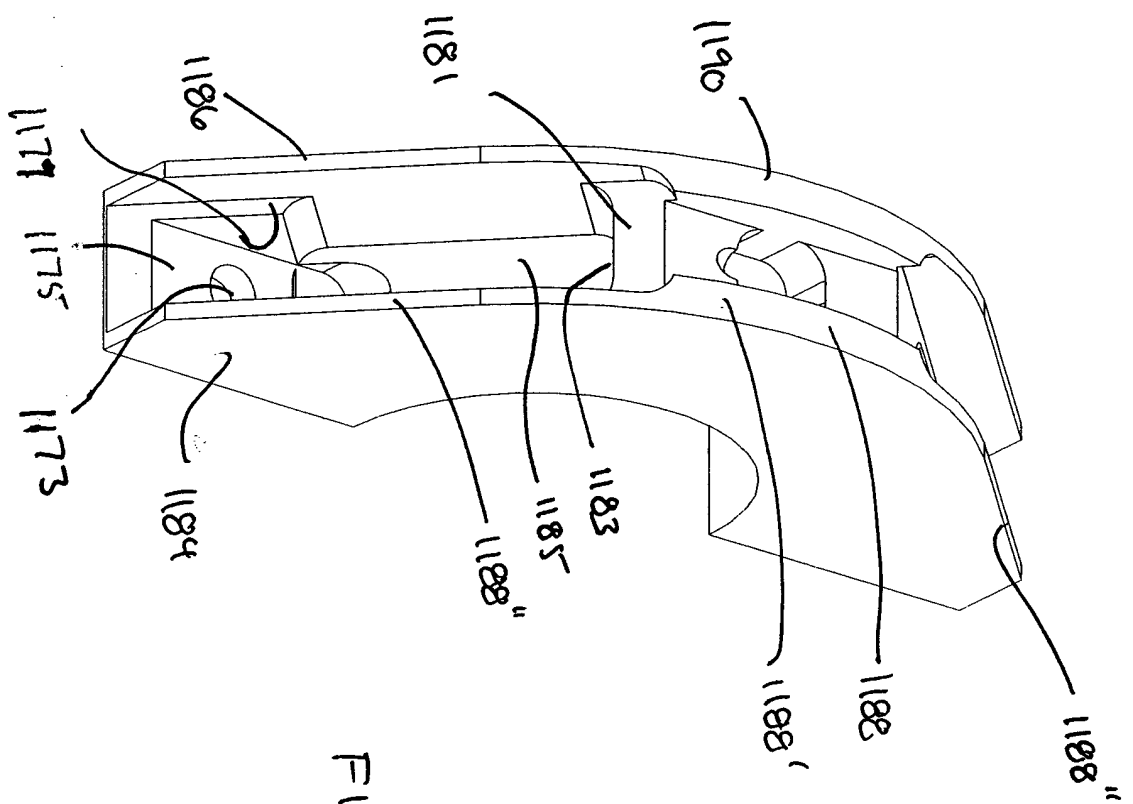


FIG. 169

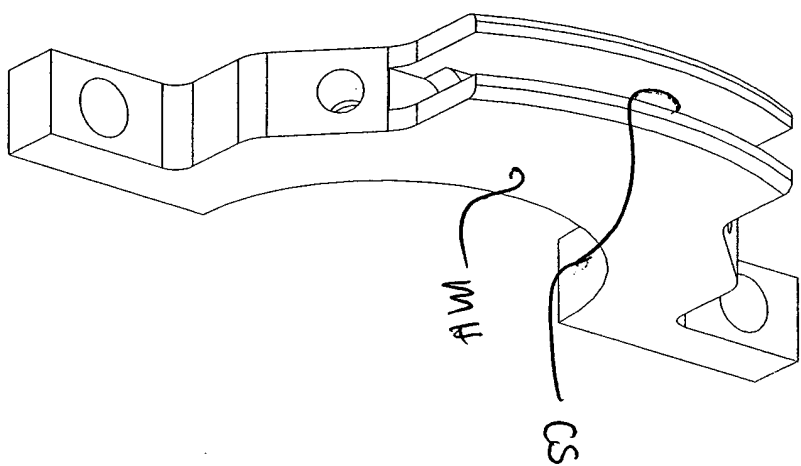


FIG. 1691A

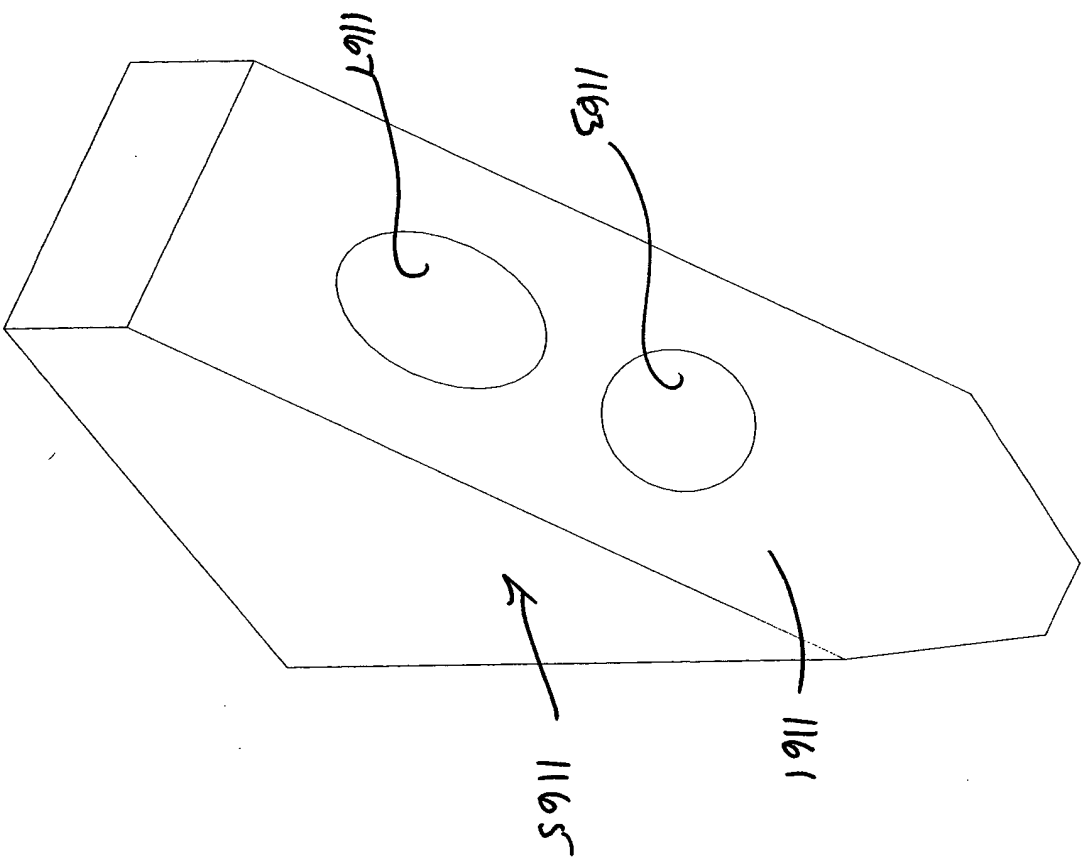


FIG. 170

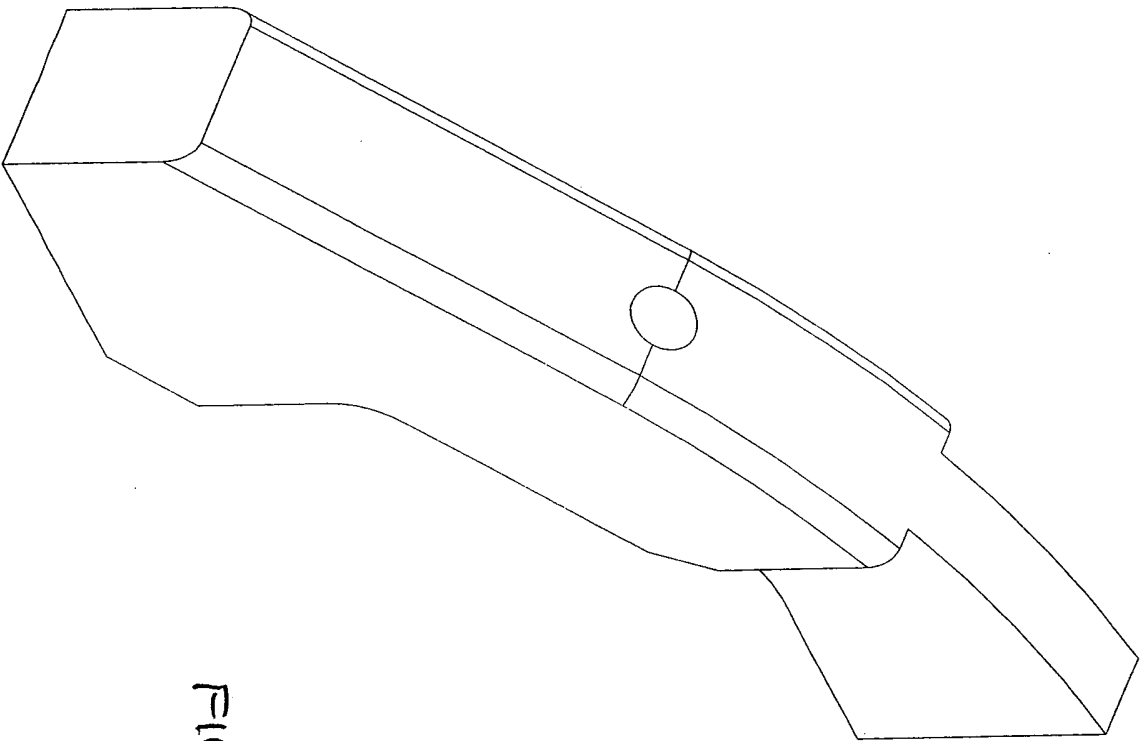


FIG. 170A

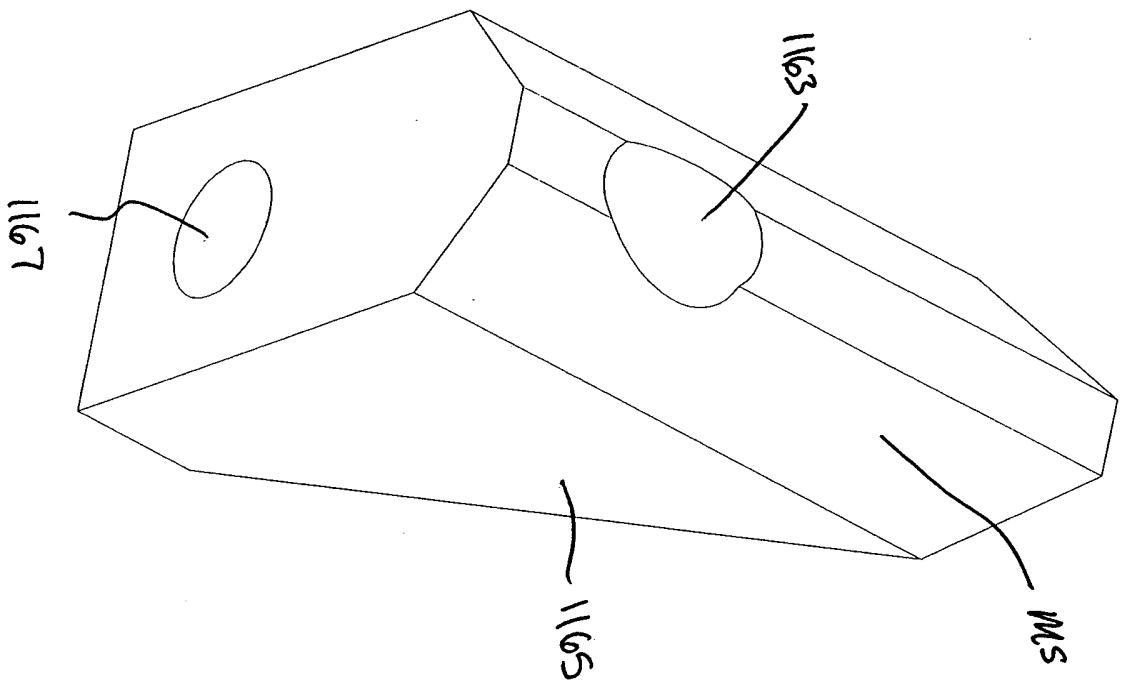


FIG. 171

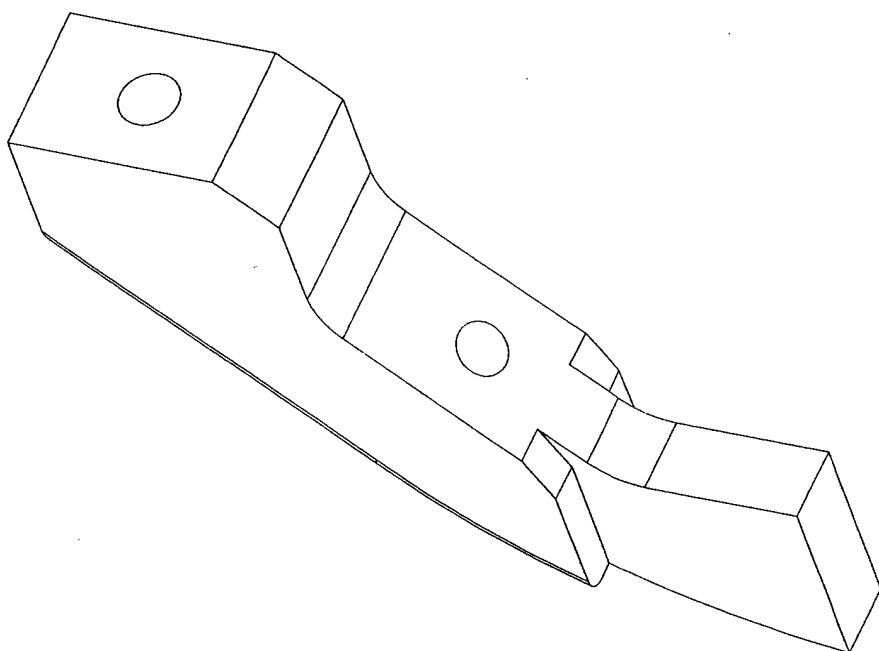
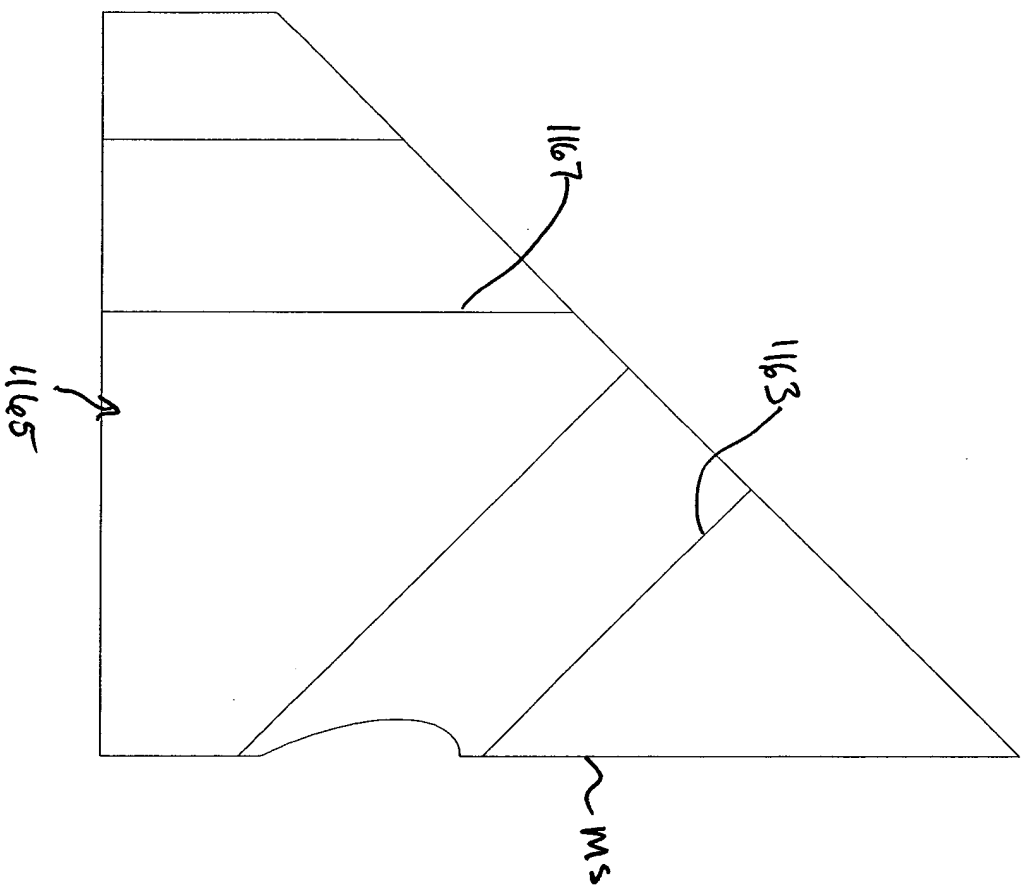


FIG. 121A



F(6.172

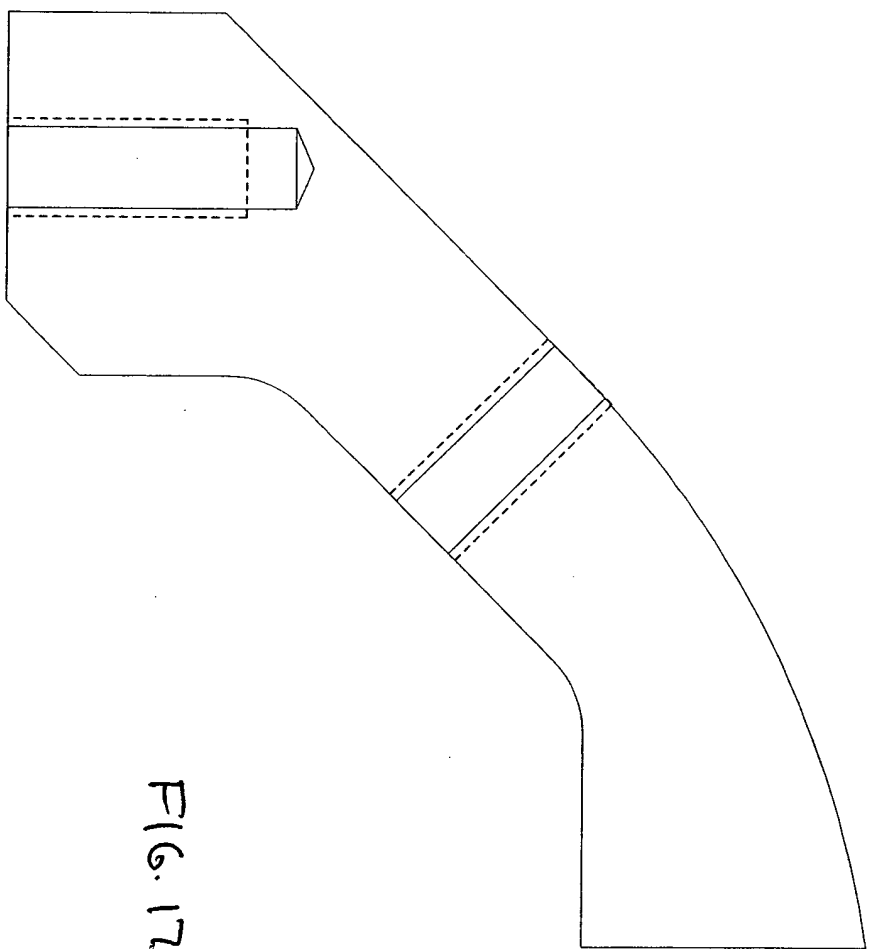


FIG. 1724

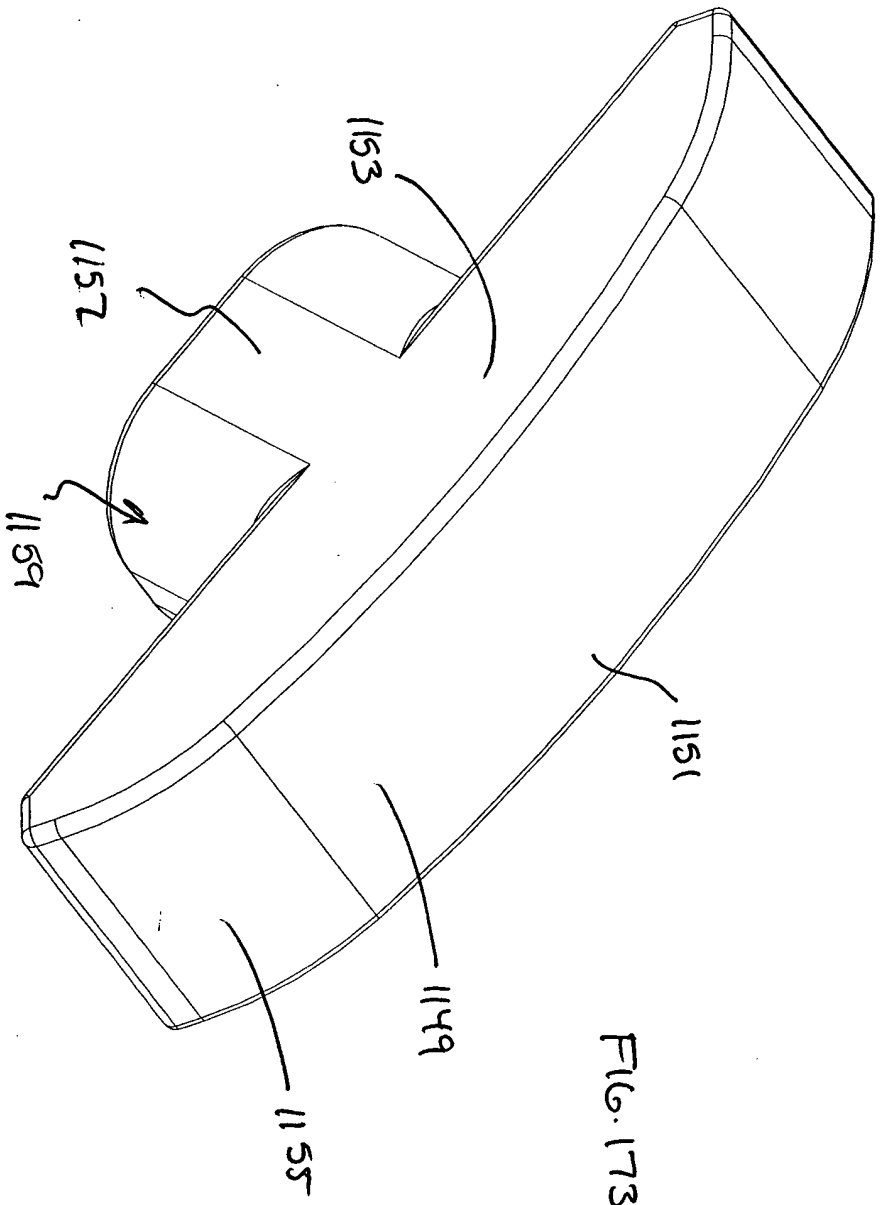


FIG. 173A

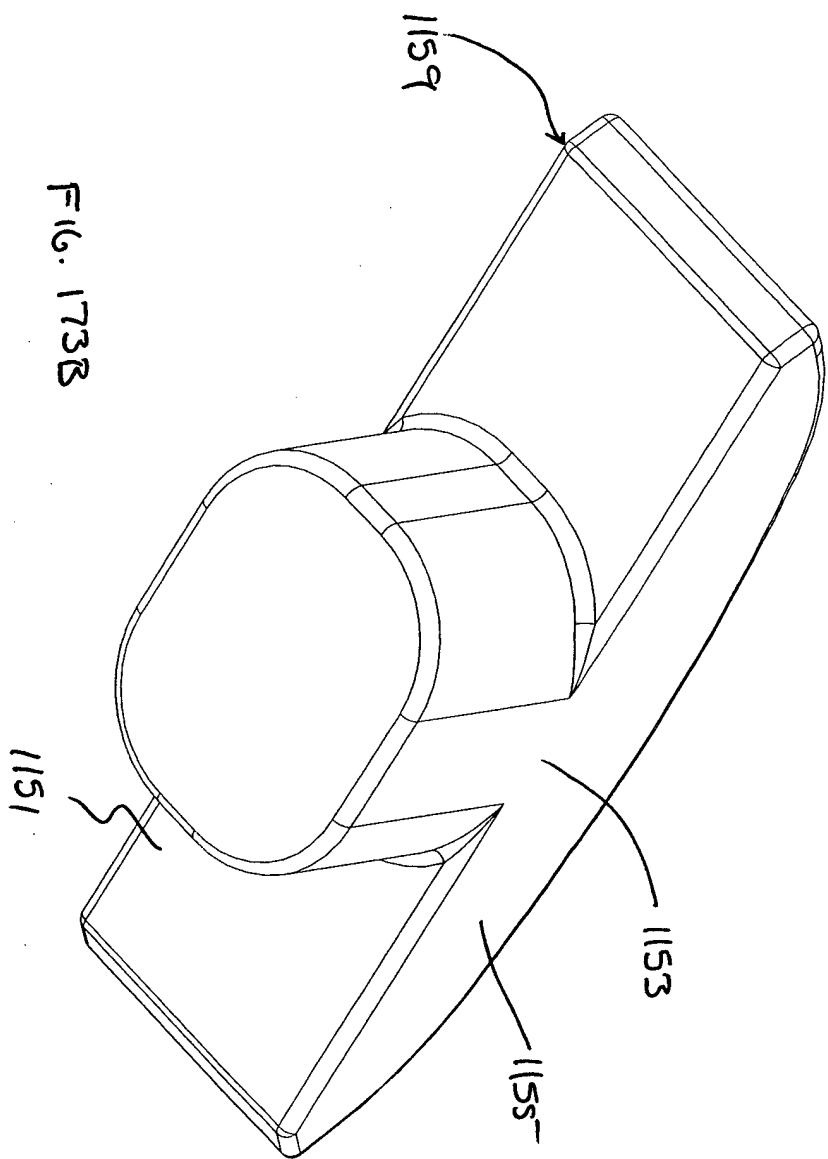


FIG. 173B

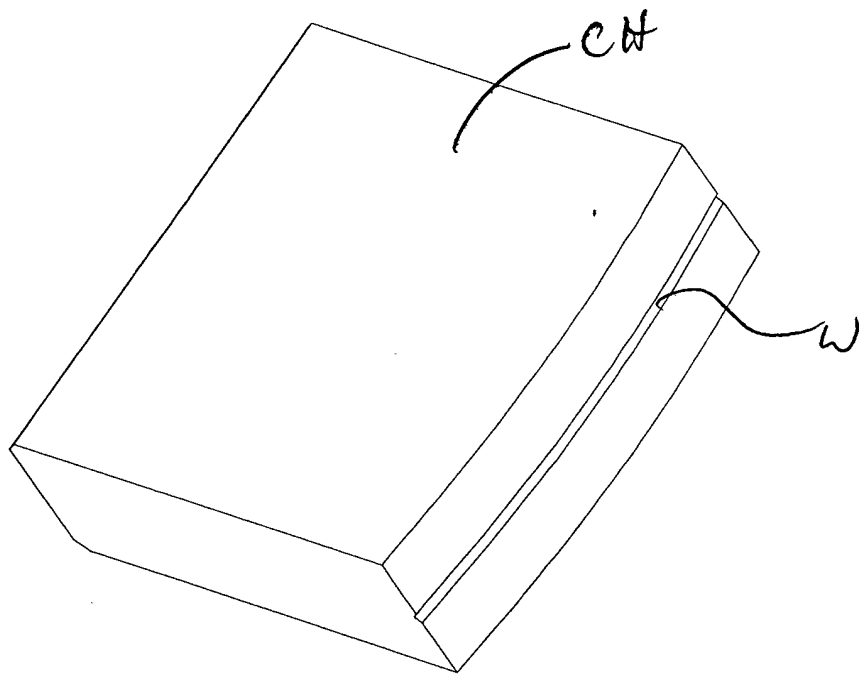


FIG. 173C

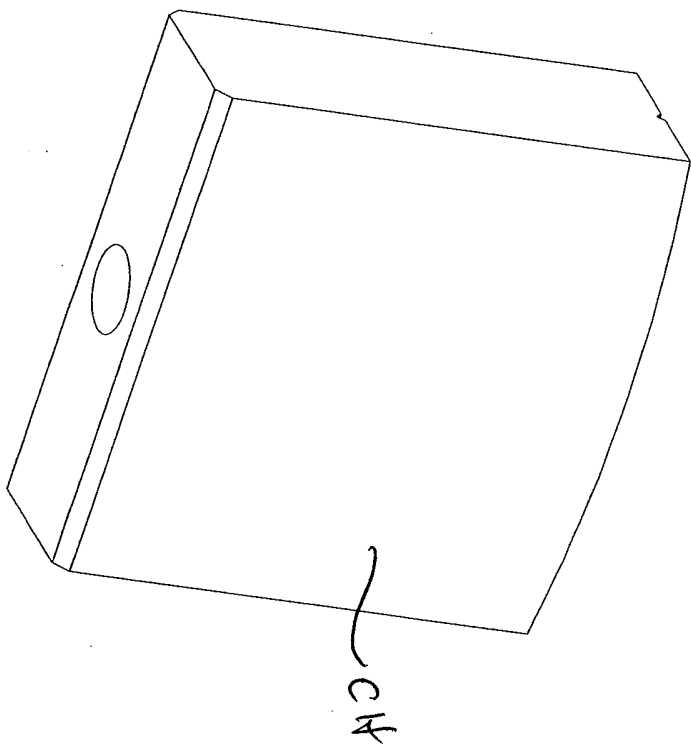
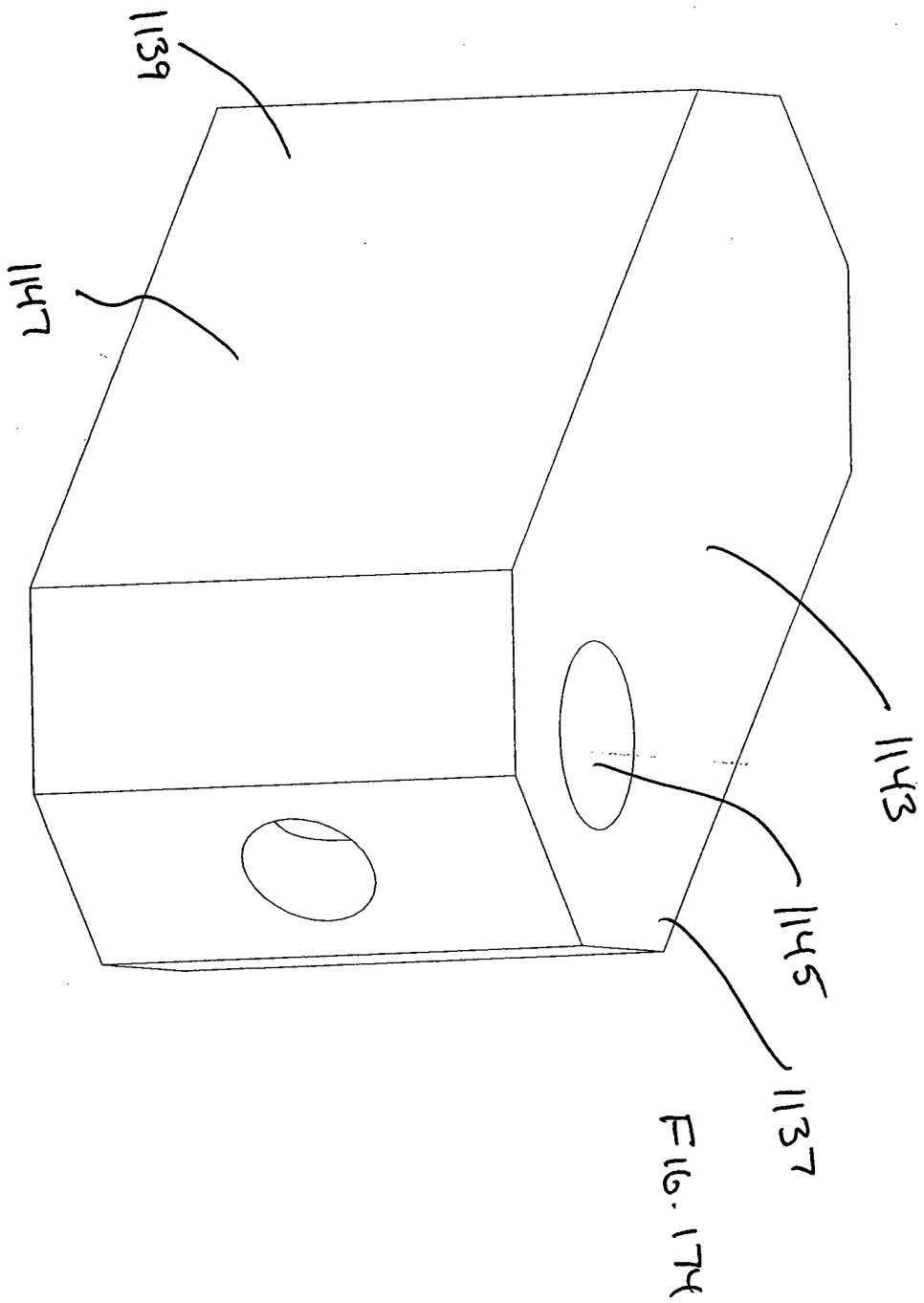


FIG. 173D



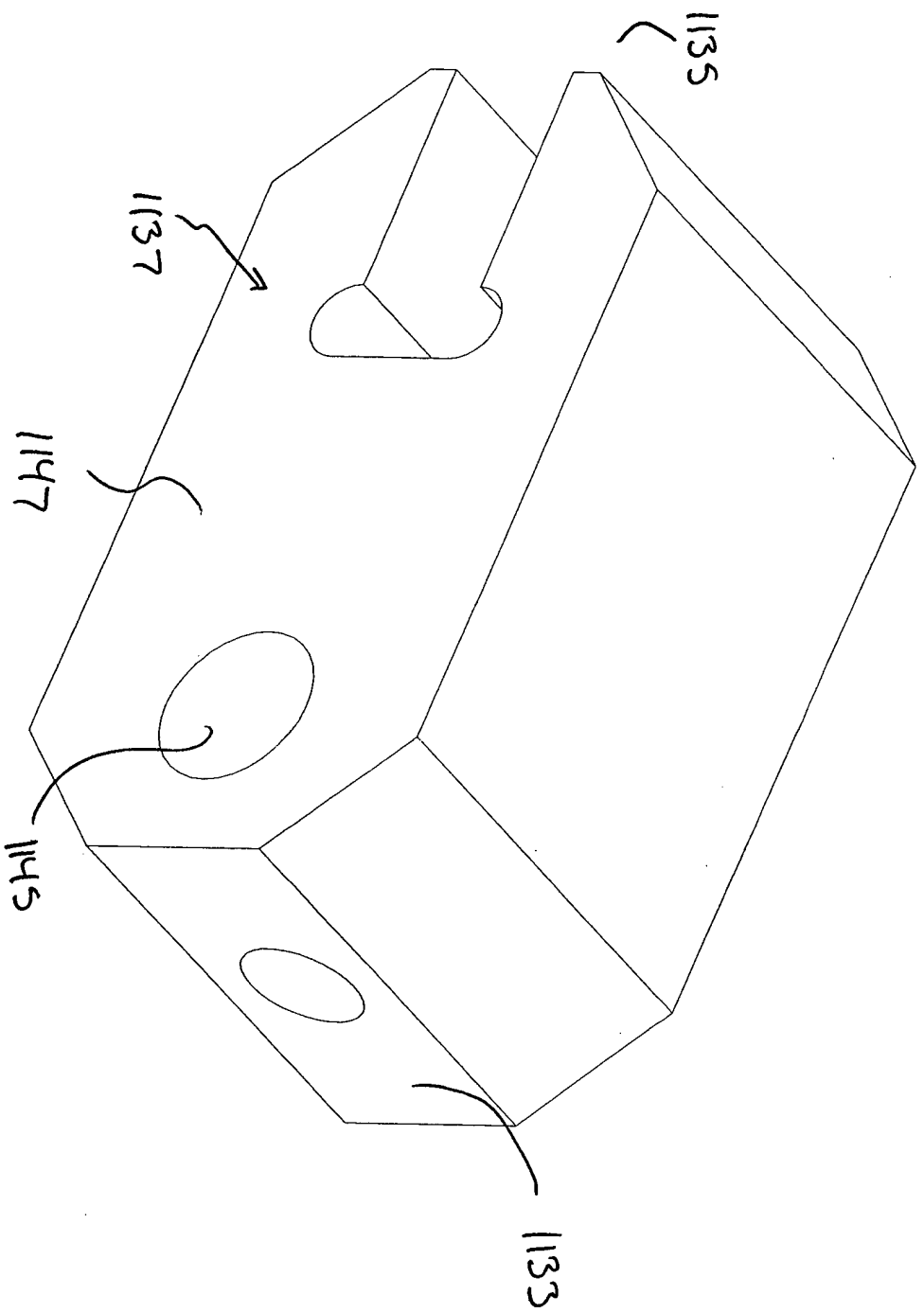


FIG. 175

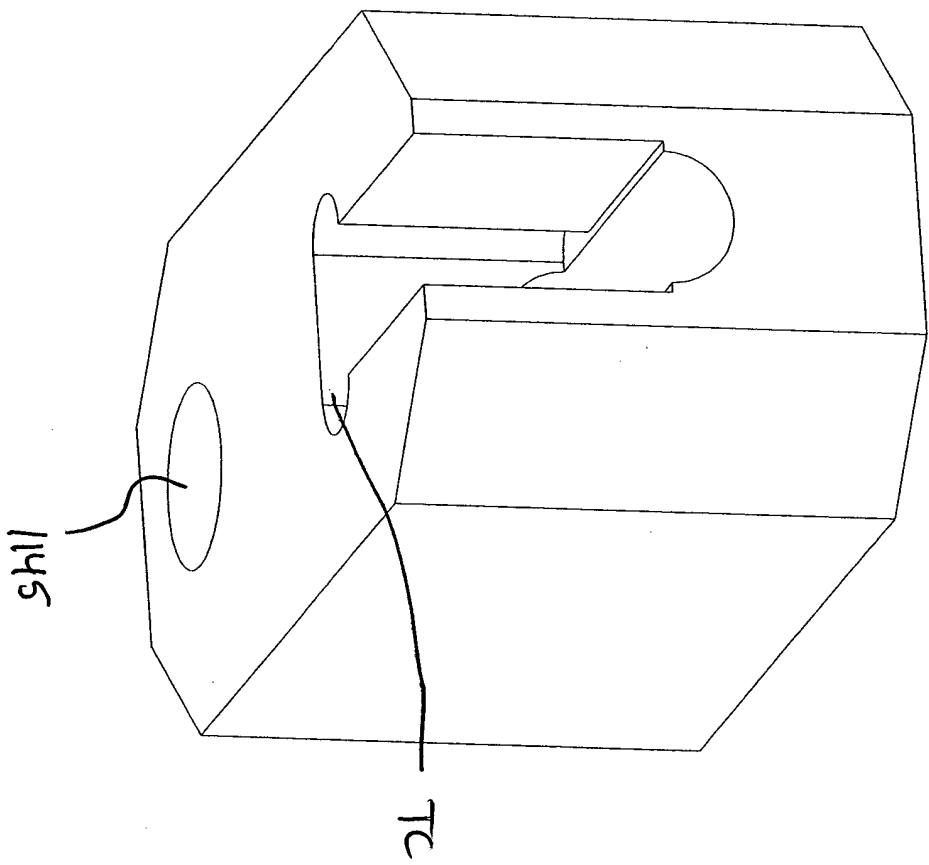


FIG. 17c

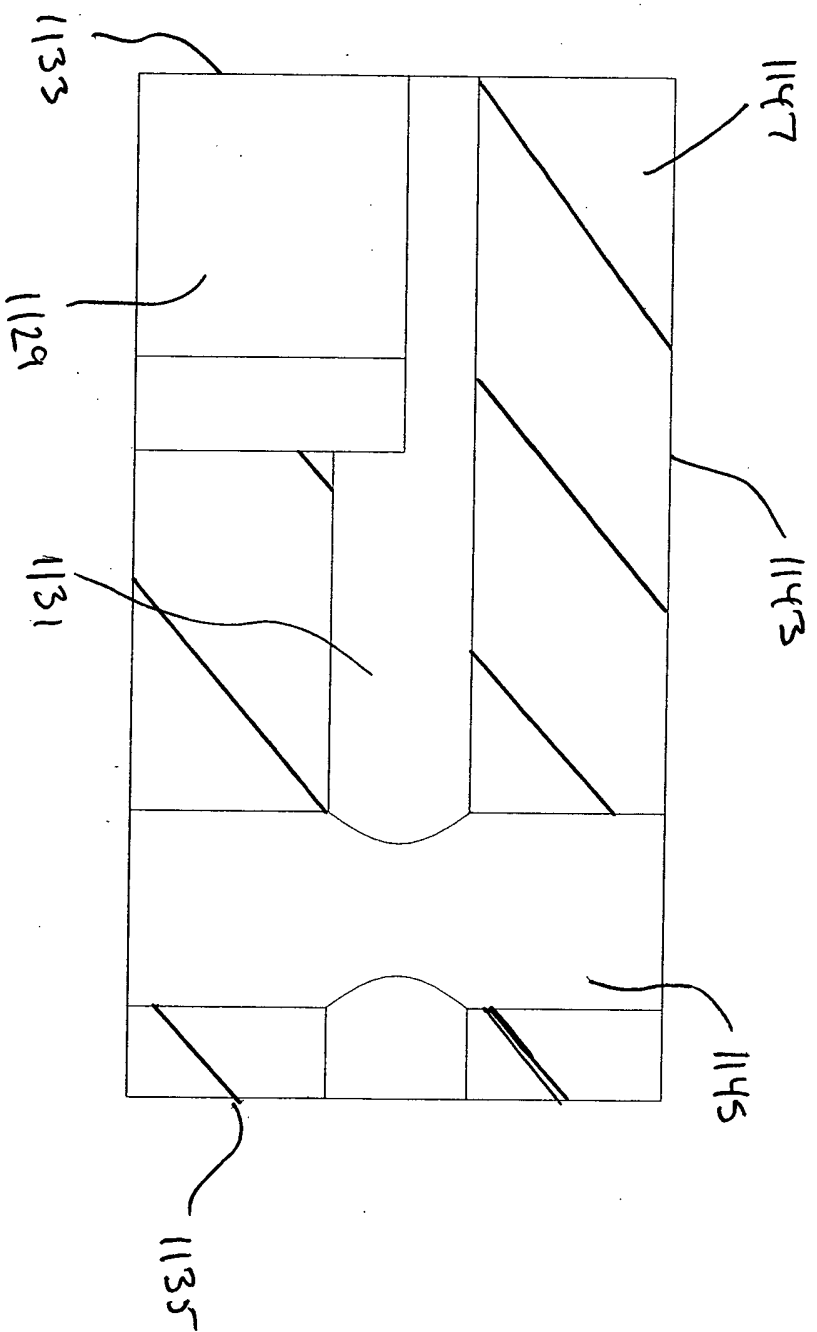


FIG. 177

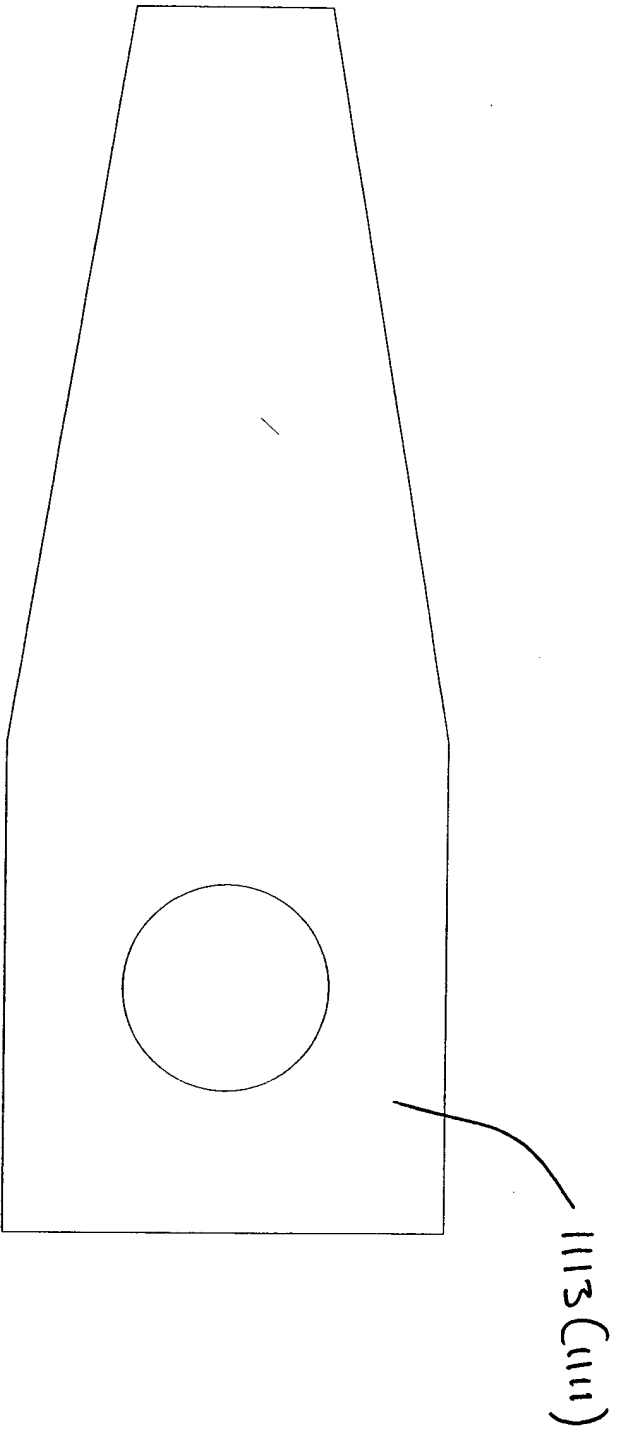


FIG. 178

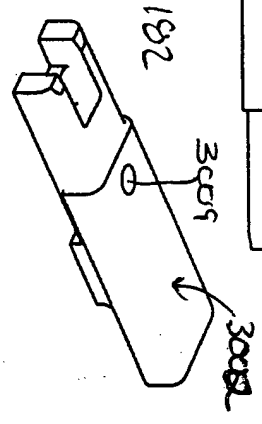
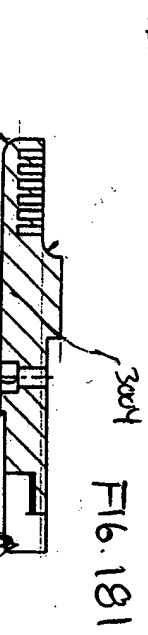
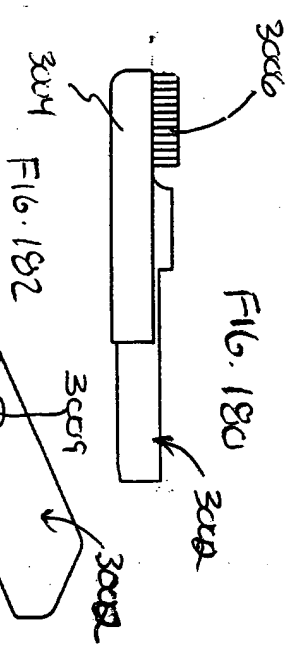
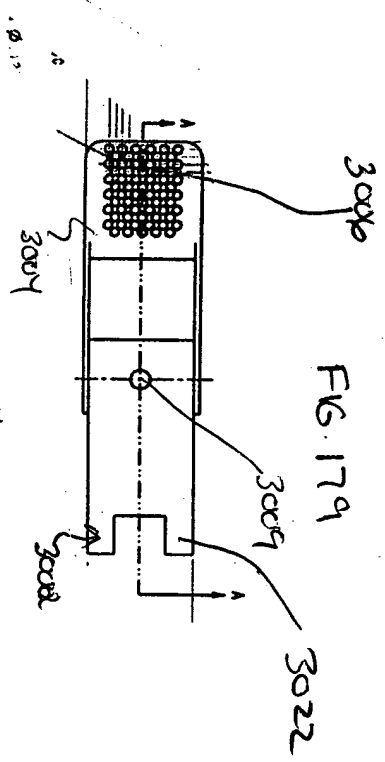


FIG. 184

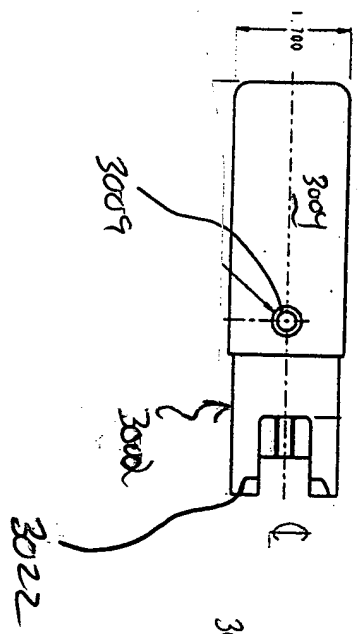


FIG. 185

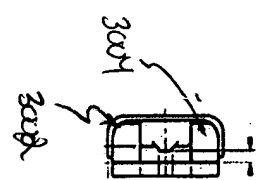


FIG. 183

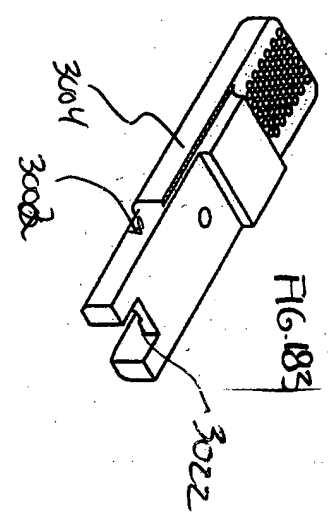


FIG. 186

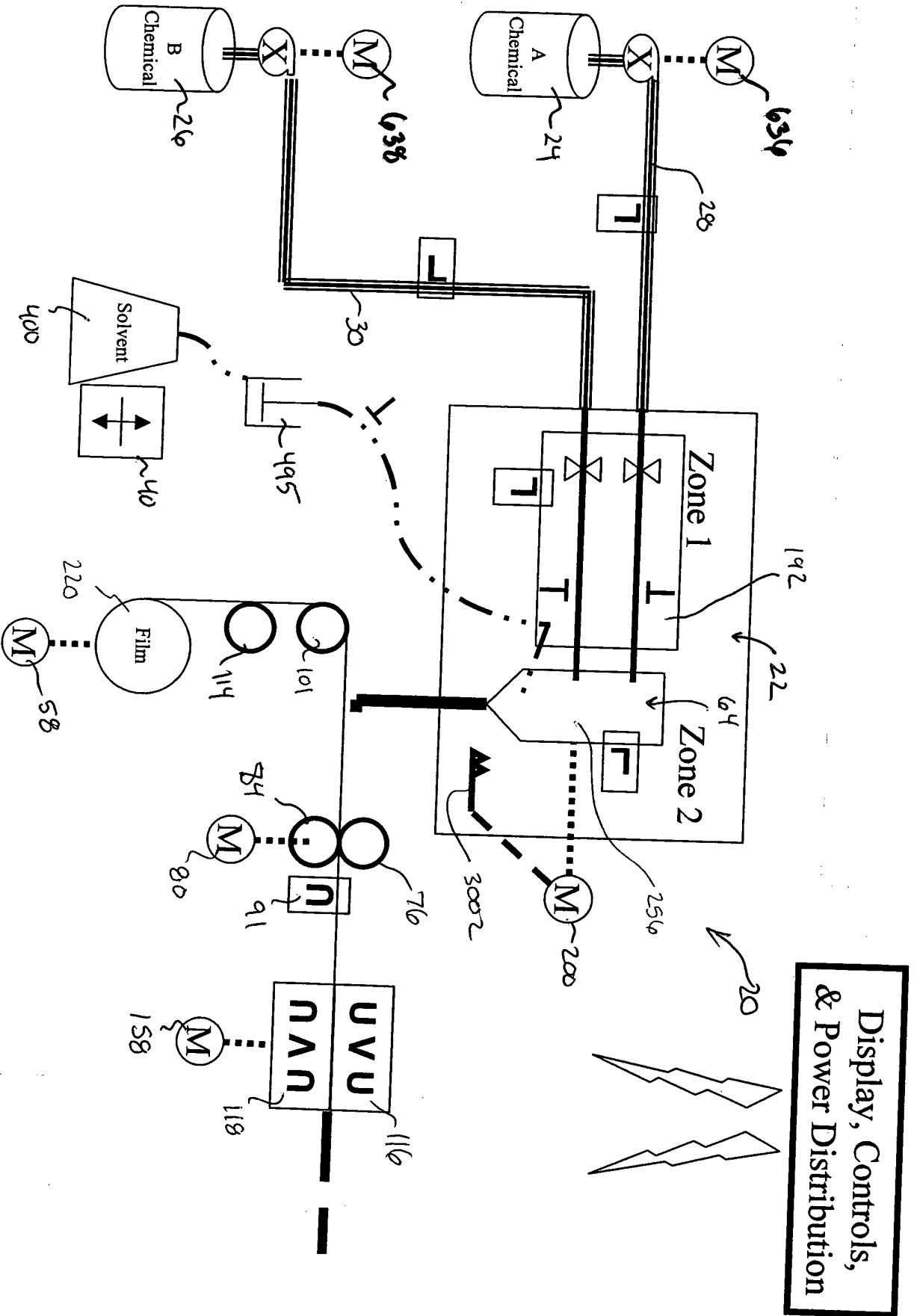









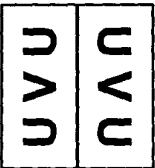




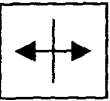
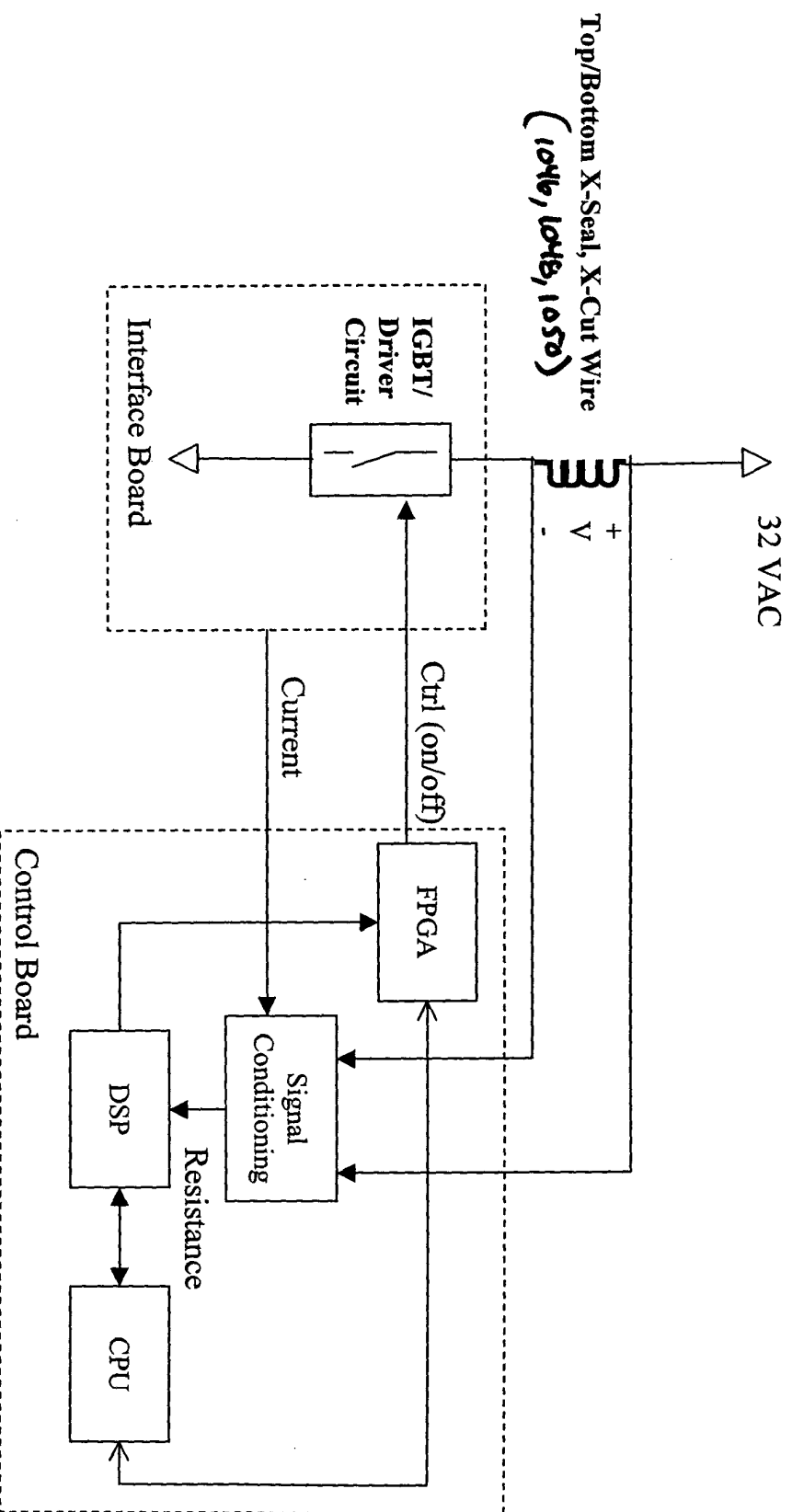


FIG. 186A

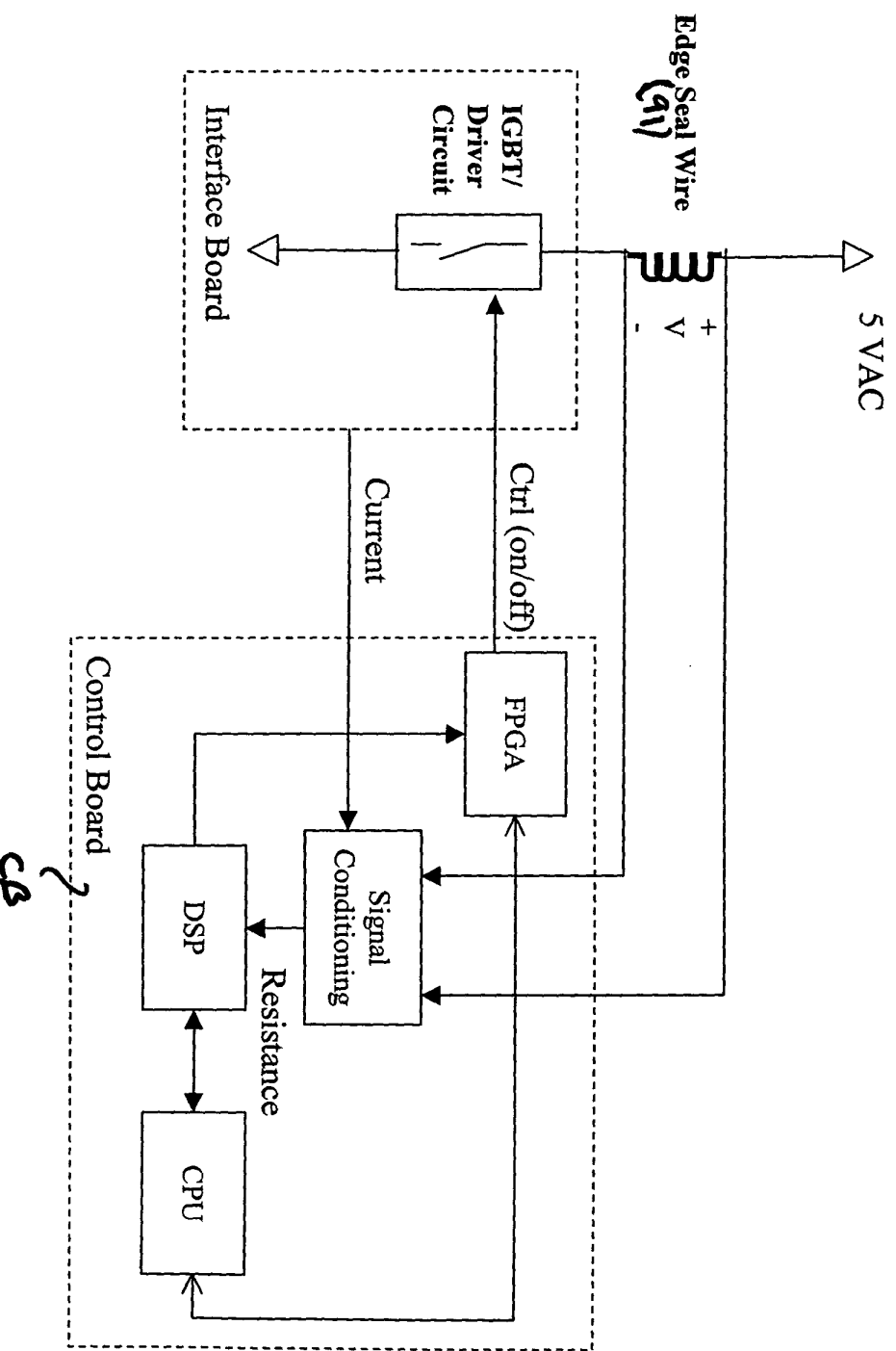
Legend

	= Motor		= Mixing Module +
	= Linkage		= Idle Roller
	= Pump		= Nip Rollers
	= Pump Shaft/Hose		= Edge Seal Wire
	= Heating element (all orientations)		= Jaw Assembly (X-seal, X-cut, X-seal)
	= Filter		
	= Pressure Transducer (all orientations)		
	= Tip Cleaning Brush		
	= Solvent Pump		
	= Level Sensor		

Top/Bottom X-Seal, X-cut



Edge Seal



Moving Jaw

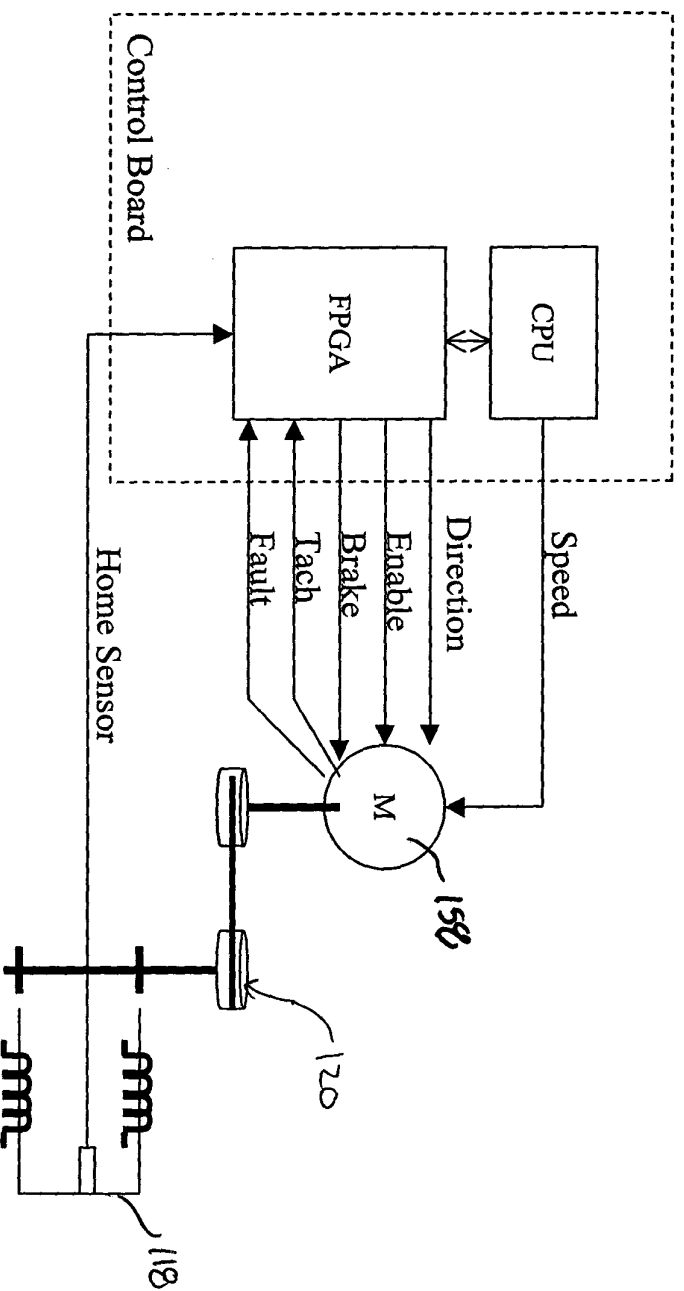
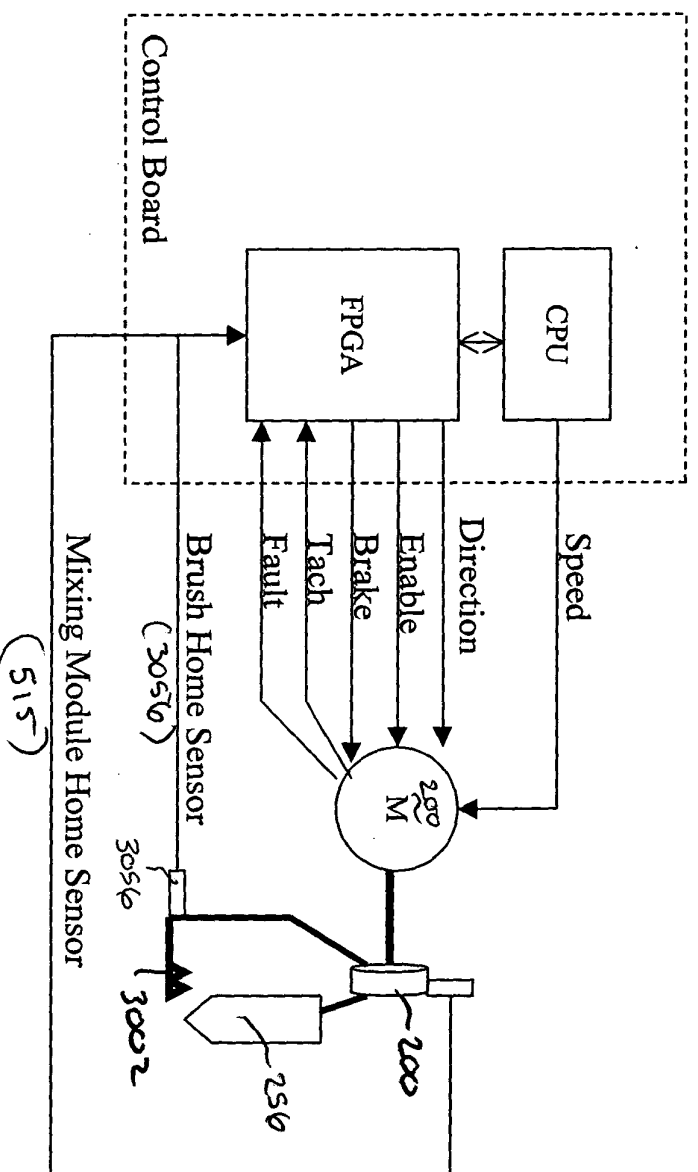


FIG. 189

Chemical Dispensing/Tip Cleaning



Film Advance/Tracking

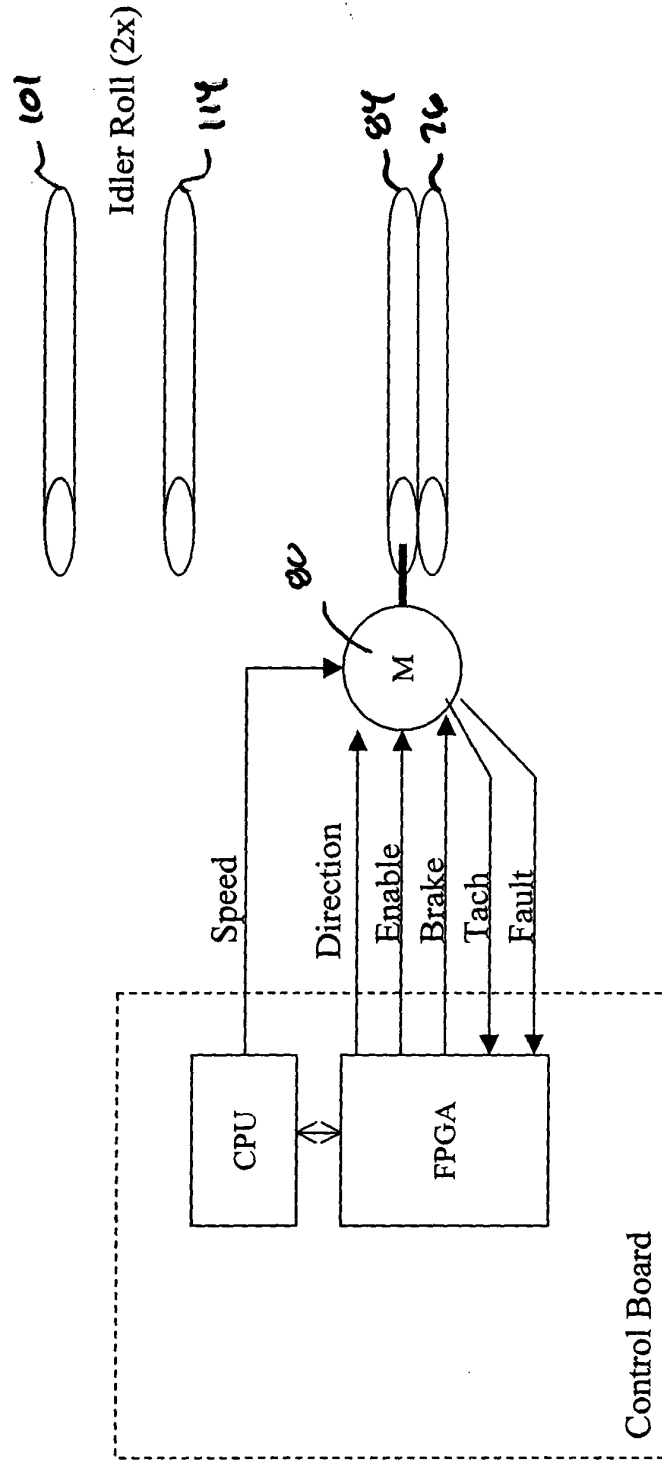


FIG. 191

Film Tension

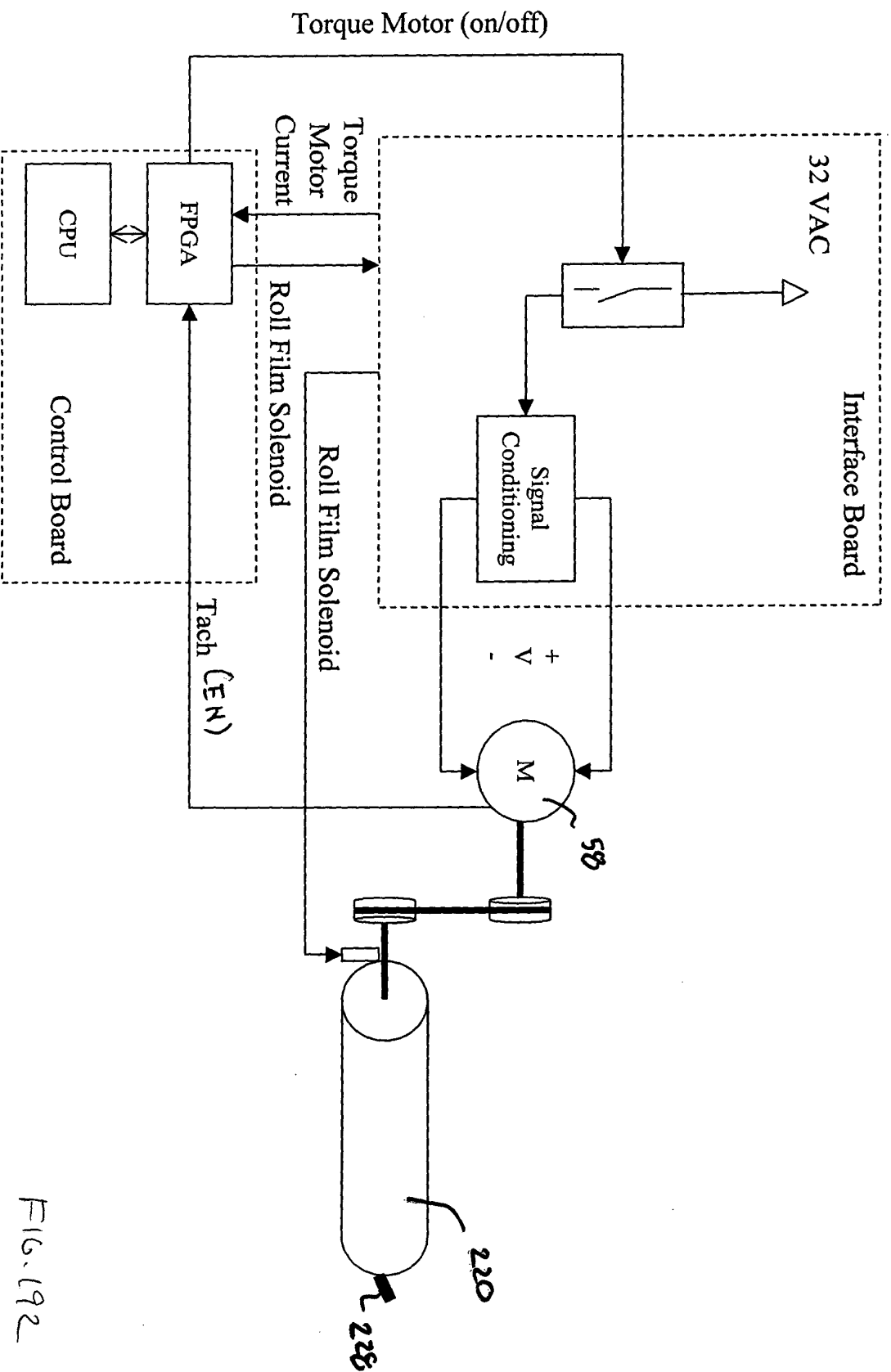
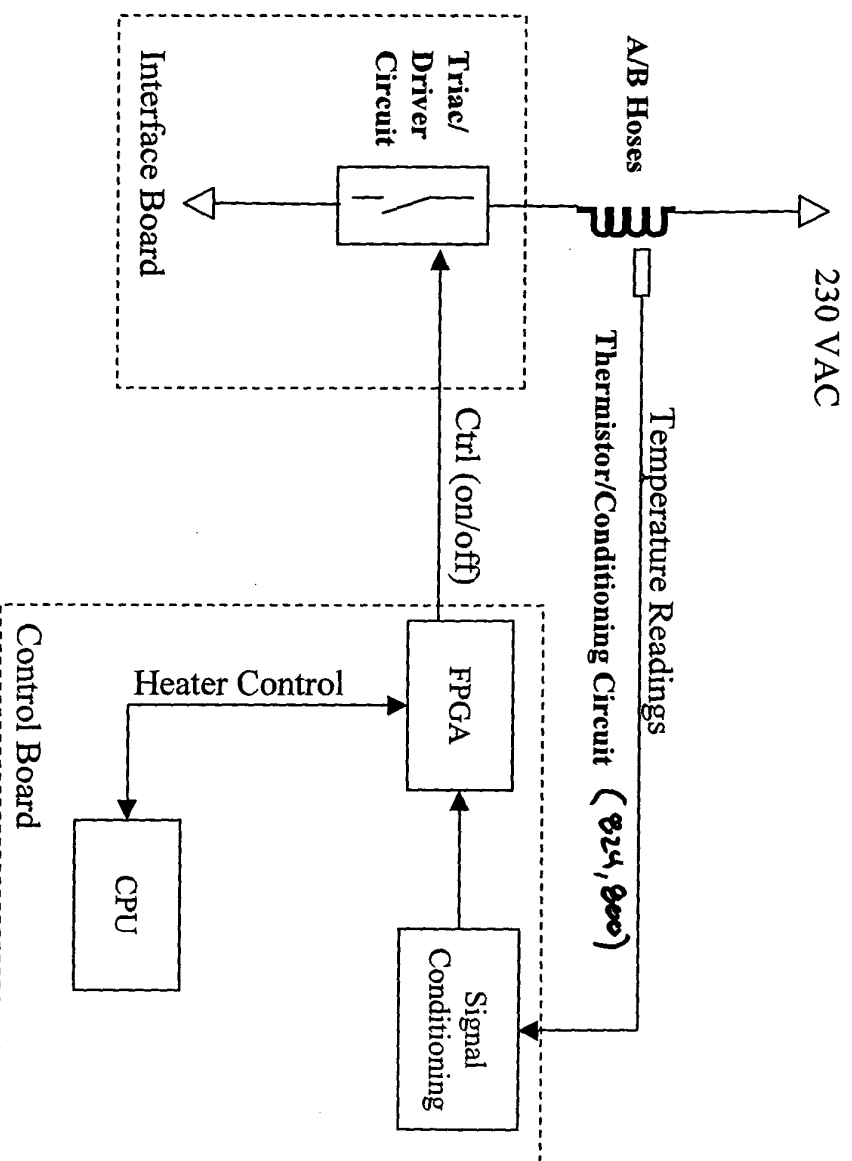


FIG. 192

Chemical Temperature Control (Hoses)



F16.193

Chemical Temperature Control (Manifold Zones)

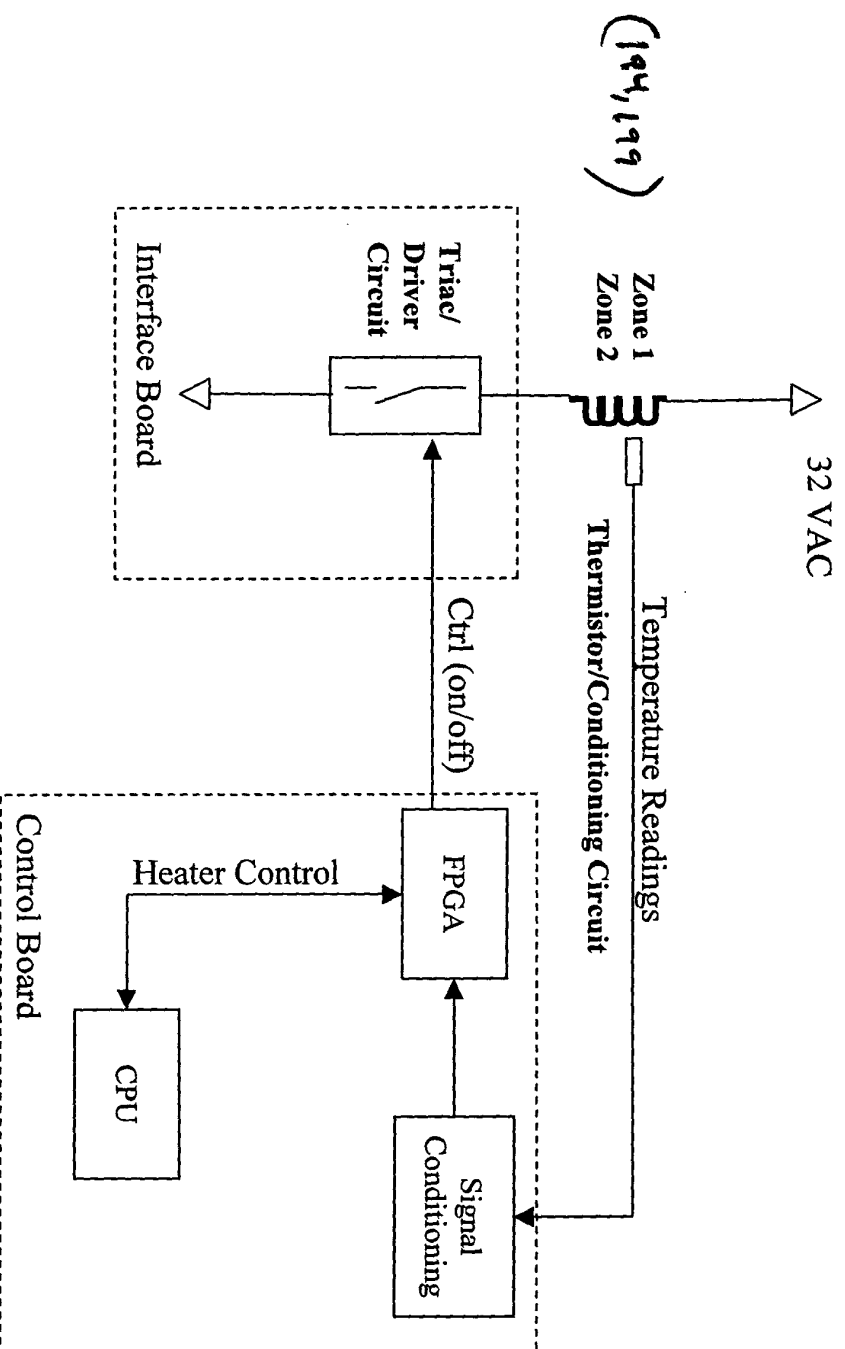


FIG. 194

Chemical Pressure

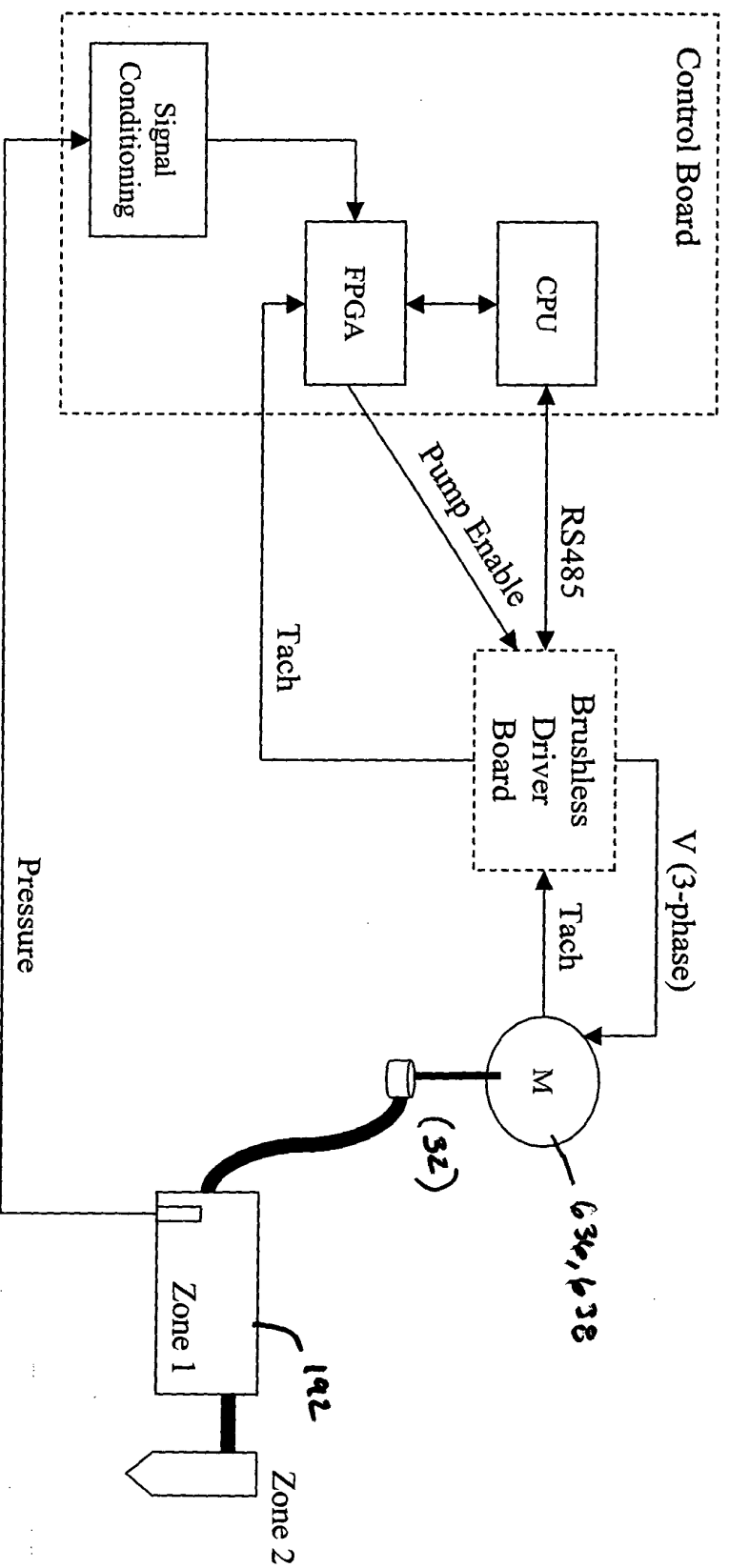


FIG. 195

Solvent System Control

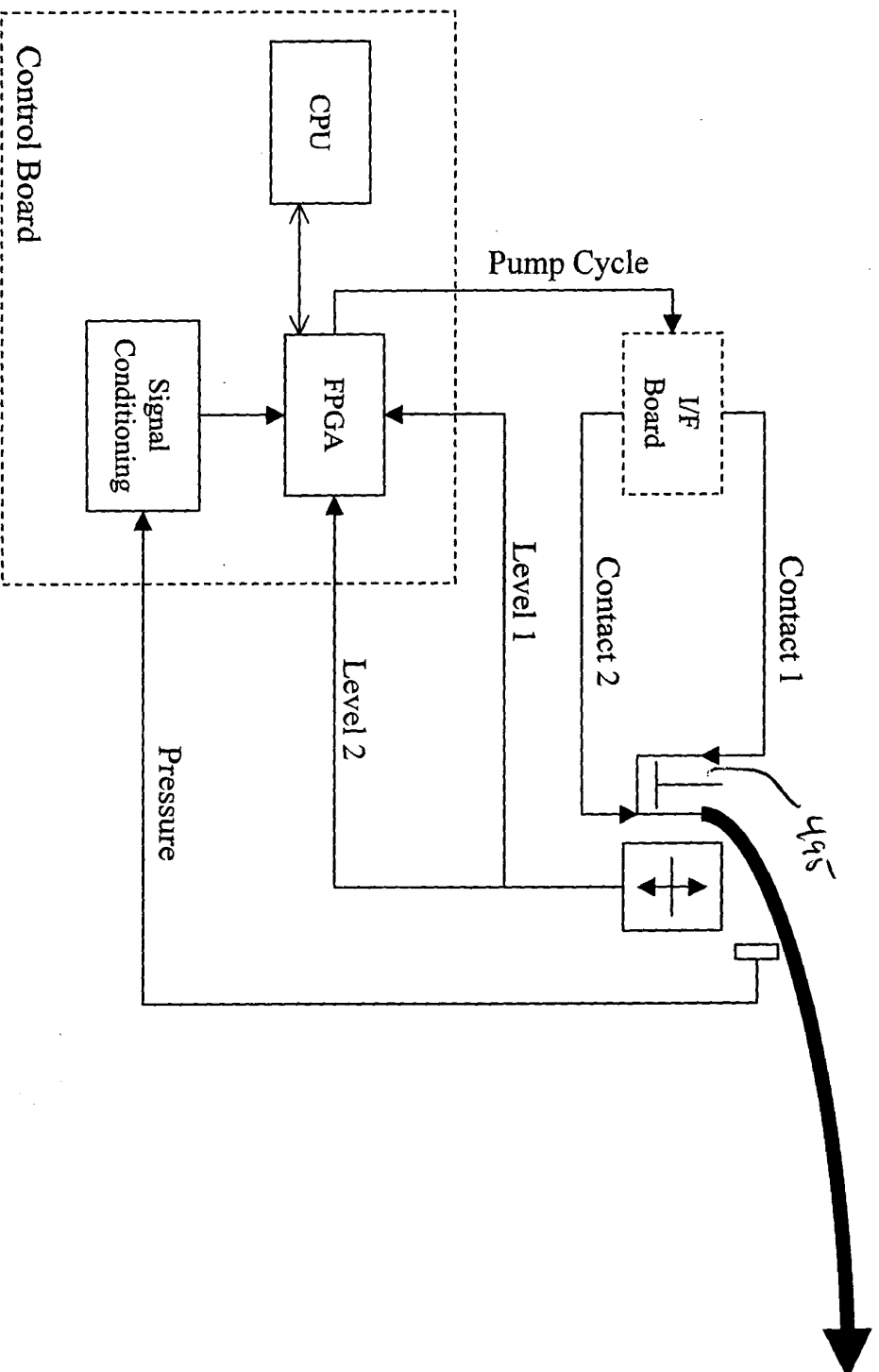
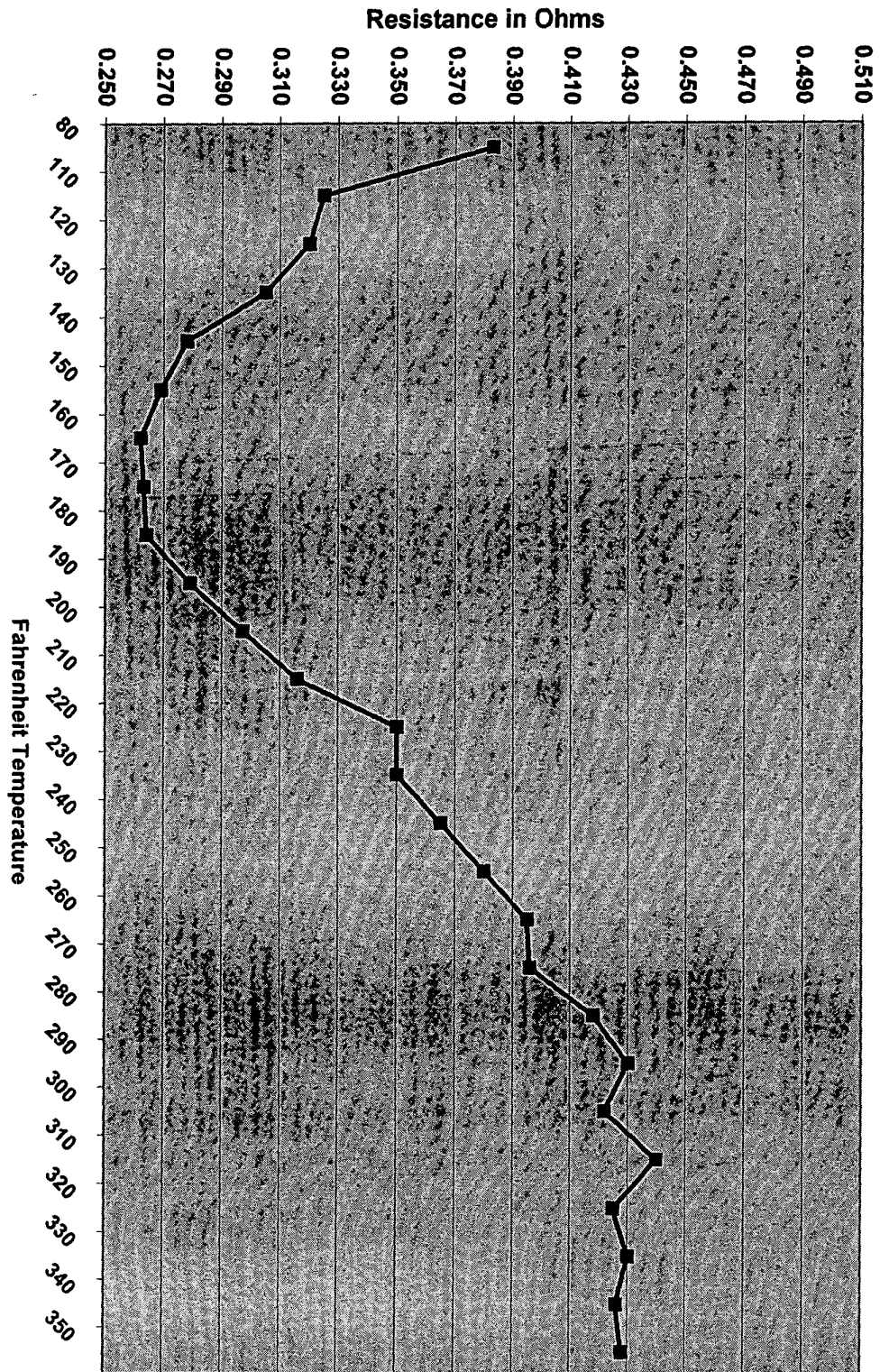


FIG. 196

FIG. 197



Film Advance/Tension Motor Tach Ratio

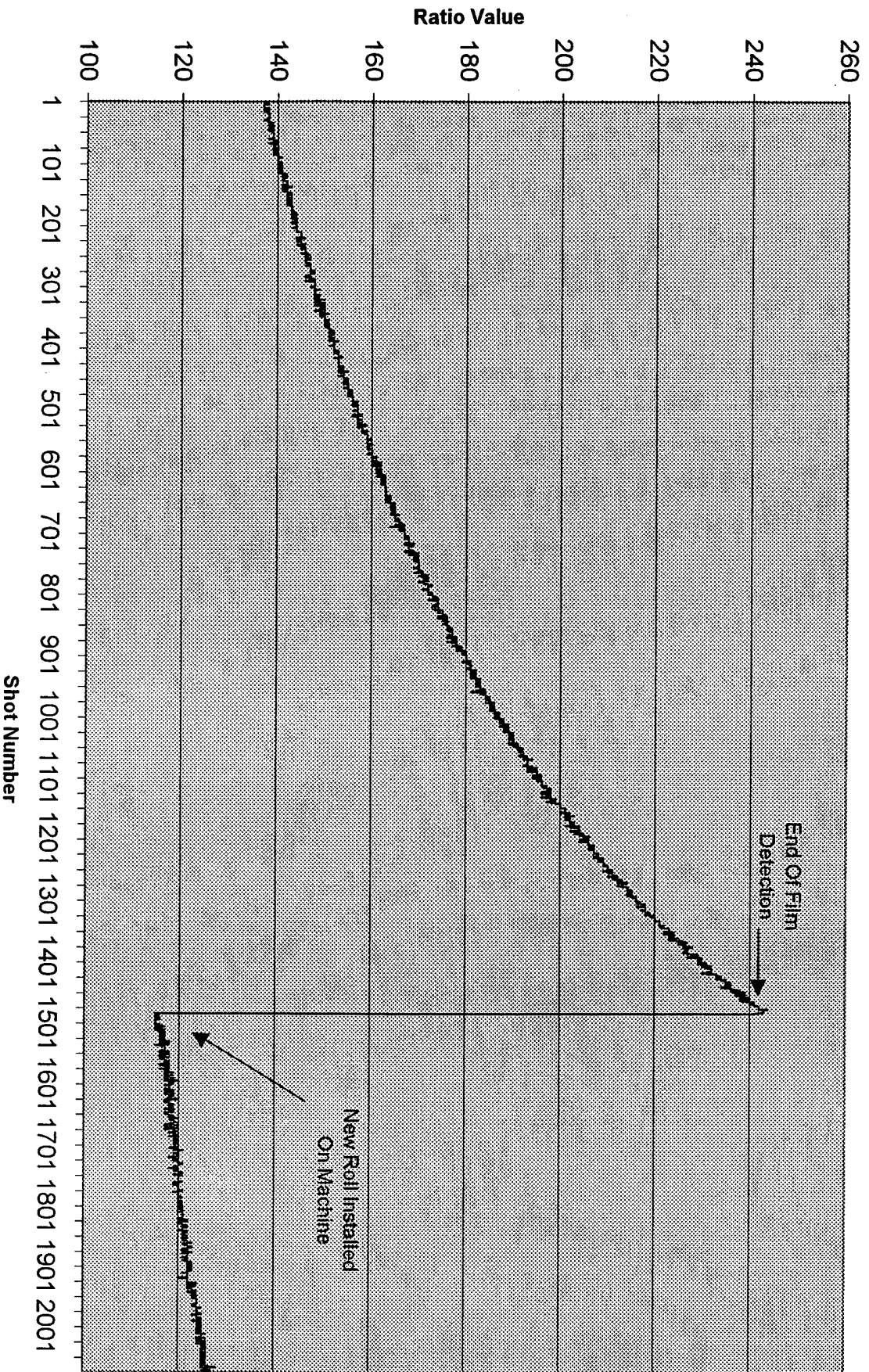


FIG. 198

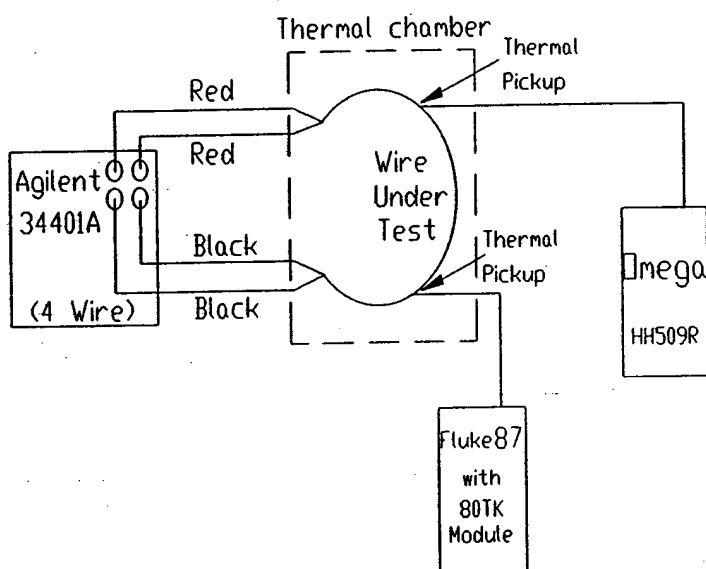


FIG. 199